National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	1 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air	Aerobic Bacterial count by Agar plate exposure	SOP MB-62
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air	Coliforms	SOP MB-62
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air	Enterobacteriaceae	SOP MB-62
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Air	Yeast and Mould count by Agar plate exposure	SOP MB-62
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Wastewater/Sewage	Escherichia coli	IS 1622
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Wastewater/Sewage	Faecal coliforms	IS 1622
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Wastewater/Sewage	Total coliforms	IS 1622
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Aerobic Bacterial count	ISO 18593 & ISO 4833-1
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Coliforms	ISO 18593 & ISO 4832
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Enterobacteriaceae	ISO 18593 & ISO 21528-2
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Escherichia coli	ISO 18593 & ISO 16649-2
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Listeria monocytogenes	ISO 18593 & ISO 11290-1
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Surface (swabs)	Salmonella spp	ISO 18593 & ISO 6579-1

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 2 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
14	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Surface (swabs)	Staphylococcus aureus	ISO 18593 & ISO 6888-1
15	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Surface (swabs)	Yeast and moulds	ISO 18593 & ISO 21527-1
16	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Coliforms	IS 5401 Part 1
17	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Total plate count	IS 5402
18	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Alcoholic beverages	Yeast and Molds	IS 5403
19	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Total (aerobic) plate count	IS 5402
20	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Bacillus cereus	IS 5887 Part 6
21	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliforms (colony count)	IS 5401 Part 1
22	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Coliforms (MPN)	IS 5401 Part 2
23	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli (colony count)	IS 5887 Part 1
24	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli (Detection)	IS 5887 Part 1
25	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Escherichia coli (MPN)	IS 5887 Part 1
26	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	IS 5887 Part 3-1
27	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Salmonella	ISO 6579 Part 1

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 3 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
28	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Shigella	IS 5887 Part 7
29	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	IS 5887 Part 2
30	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Staphylococcus aureus	IS 5887 Part 8/Sec.1
31	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeasts and Moulds	IS 16069 Part 1
32	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Cereals, Pulses & Cereal Products	Yeasts and Moulds	IS 5403
33	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Enterobacteriaceae	ISO 21528-2
34	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Escherichia coli (colony count)	IS 5887 Part 1
35	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Escherichia coli (MPN)	IS 5887 Part 1
36	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Incubation test@ 30degC/ 10days & 55degC/7days	IS 2860 / FSSAI Manual
37	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Listeria monocytogenes	IS 14988 Part 1: 2020 ,(ISO 11290-1)
38	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Salmonella	IS 5887 Part 3
39	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Salmonella	ISO 6579 Part 1
40	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Shigella	IS 5887 Part 7
41	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Staphylococcus aueus	IS 5887 Part 2

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 4 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
42	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Staphylococcus aureus	IS 5887 Part 8/Sec1
43	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Sulphite reducing bacteria	ISO 15213
44	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and Fruit products	Total plate count - pour plate method	IS 5402
45	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Total plate count - pour plate method	ISO 4833 Part 1
46	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Total plate count - surface plate count	ISO 4833 Part 2
47	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Vibrio cholerae	IS 5887 Part 5
48	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	Yeast and moulds	IS 16069 Part 1
49	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit products	yeast and moulds	IS 5403: 1999
50	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Fruit and fruit profucts	Enterobacteriaceae	IS 17112(Part 2)
51	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	IS 5887 Part 3
52	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Herbs, Spices & Condiments	Salmonella	ISO 6579 Part 1
53	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Clostridium perfringens	IS 5887 Part 4
54	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliforms (colony count)	IS 5401 Part 1
55	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Coliforms (MPN)	IS 5401 Part 2

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 5 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
56	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli (colony count)	IS 5887 Part 1
57	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli (Detection)	IS 5887 Part 1
58	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Escherichia coli (MPN)	IS 5887 Part 1
59	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Listeria monocytogenes	IS 14988 Part 1
60	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Salmonella	IS 5887 Part 3-1
61	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Salmonella spp.	ISO 6579 Part 1
62	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus	IS 5887 Part 2
63	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Staphylococcus aureus (coagulase-positive)	IS 5887 Part 8/Sec1
64	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Total plate count	IS 5402
65	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast and moulds	IS 16069 Part 1
66	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Meat & Meat Products	Yeast and moulds	IS 5403
67	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Bacillus cereus	IS 5887 Part 6
68	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae (Detection)	ISO 21528 Part 1
69	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Faecal streptococci	IS 5887 Part 2

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	6 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
70	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Shigella	IS 5887 Part 3
71	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Coliforms (Detection /MPN)	IS 5401 Part 2 (ISO 4831)
72	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae (colony count)	17112-2
73	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Enterobacteriaceae (MPN)	ISO 21528 Part 1
74	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli (Detection)	IS 5887 Part 1
75	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli (MPN)	IS 5887 Part 1
76	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Escherichia coli (colony count)	IS 5887 Part 1
77	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Listeria monocytogenes	IS 14988 Part 1 (ISO 11290 Part 1)
78	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 5887 Part 3-1
79	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Salmonella	IS 6579-1
80	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus	IS 5887 Part 2
81	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Staphylococcus aureus-coagulase positive (colony count)	IS 5887 Part 8/Sec1 (ISO 6888-1)
82	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Sulphite reducing bacteria	ISO 15213
83	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Total plate count	IS 5402

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 7 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
84	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast and moulds	IS 16069 Part 1 (ISO 21527-1)
85	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk & Dairy Products	Yeast and moulds	IS 5403
86	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Milk and dairy products	Coliforms (colony count)	IS 5401 Part 1 (ISO 4832)
87	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Coliforms (by MPN)	IS 5401 Part 2
88	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Coliforms (colony count)	IS 5401 Part 1
89	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Coliforms (Detection)	IS 5401 Part 2
90	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Total plate count	IS 5402
91	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Total plate count	ISO 4833-1 (Pour plate method)
92	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Total plate count	ISO 4833-2 (surface plate method)
93	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Yeast and moulds	IS 16069 Part 1
94	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Non-alcoholic beverages	Yeast and moulds	IS 5403
95	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Coliforms (colony count)	IS 5401 Part 1 (ISO 4832)
96	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Coliforms (MPN)	IS 5401 Part 2 (ISO 4831)
97	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Escherichia coli (MPN)	IS 5887 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	8 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
98	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Escherichia coli (colony count)	IS 5887 Part 1
99	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Escherichia coli (colony count)	ISO 16649-2
100	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Escherichia coli (detection)	IS 5887 Part 1
101	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Salmonella	IS 5887 Part 3
102	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Salmonella	ISO 6579 Part 1
103	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Staphylococcus aureus (colony count)	IS 5887 Part 2
104	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Staphylococcus aureus-coagulase-positive (colony count)	IS 5887 Part 8/Sec1 (ISO 6888-1)
105	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Total plate count	IS 5402
106	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Total plate count (pour plate method)	ISO 4833 Part 1
107	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Total plate count (surface plate method)	ISO 4833 Part 2
108	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Yeast and moulds	IS 16069 Part 1 (ISO 21527-1)
109	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Ready to eat food-RTE (Cooked rice, chapathi, salads, curries, snacks)	Yeast and moulds	IS 5403
110	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Coliforms	IS 5401 Part 1
111	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Escherichia coli (Detection)	IS 5887 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	9 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Bacillus cereus	IS 5887 Part 6
113	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Coliforms (MPN)	IS 5401 Part 2
114	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Escherichia coli	IS 5887 Part 1
115	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Escherichia coli (MPN)	IS 5887 Part 1
116	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Salmonella	IS 5887 Part 3
117	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Salmonella spp	ISO 6579 Part 1
118	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Shigella	IS 5887 Part 7
119	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Staphylococcus aueus	IS 5887 Part 2
120	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Staphylococcus aureus-coagulase positive (colony count)	IS 5887 Part 8/Sec1 (ISO 6888-1)
121	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Total plate count	IS 5402
122	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Yeast and moulds	IS 16069 part-I
123	BIOLOGICAL- FOOD AND AGRICULTURAL PRODUCTS	Vegetables & Vegetable Products	Yeast and moulds	IS 5403
124	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Total aerobic microbial count	IP 2.2.9 (USP)
125	BIOLOGICAL- NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Total yeasts and molds count	IP 2.2.9 (USP)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	10 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
126	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Bile tolerant gram negative bacteria	IP 2.2.9 (USP)
127	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Candida albicans	IP 2.2.9 (USP)
128	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Coliforms	IS 5401-2
129	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Escherichia coli	IP 2.2.9 (USP)
130	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Pseudomonas aeruginosa	IP 2.2.9 (USP)
131	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Salmonella	IP 2.2.9 (USP)
132	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Herbal extracts & powders	Staphylococcus aureus	IP 2.2.9 (USP)
133	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Nutraceuticals and Probiotics	Lactic acid bacteria	IS 16068 (ISO 15214)
134	BIOLOGICAL-NUTRACEUTICALS & FUNCTIONAL FOODS	Nutraceuticals and Probiotics	Total plate count	IS 5402
135	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Antimicrobial compounds and materials	Antibacterial activity (E.coli & S.aureus)	ASTM E2180
136	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Antimicrobial compounds and materials	Antibacterial activity by using E.coli & S.aureus	ISO 22196
137	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Antimicrobial compounds and materials	Antimicrobial activity using time-kill procedure	ASTM E2315
138	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electrical components/parts/Items, Natural materials, Synthetic materials	Mould growth test or Fungal Resistance	RTCA DO-160: D, E, F, G (Sec. 13.0)
139	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould (fungus) growth	Test No.14 of JSS 50101
140	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould (fungus) growth	Method 508.6 of MIL-STD-810(E/F/G)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	11 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
141	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould (fungus) growth	Test No.13 of JSS 0256 (1992&2008)
142	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould (fungus) growth	Test No.21 of JSS 55555 (2000&2012)
143	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould (fungus) growth	MIL STD 810H 508.8
144	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical & electronic components/ parts/Items/coupons	Mould growth test	IS 9000 Part 10
145	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical and Electronic components/Parts/Items/Coupons	Mould growth	IS 10236 Part-7
146	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Electrical and Electronic components/Parts/Items/Coupons	Mould growth test (Penicillium funiculosam/penicillium pinophilum-NBRC 33285,Scopulariopsis brevicaulis-NBRC 100536,Chaetomium globosum-MTCC 2193/ATCC 6025,Paecilomyces variotii/Paecilomyces divenicatus-MTCC 10199/ATCC18502,Aspergillus terreus-NBRC 6346,Hormoconis resinae-NBRC 100535, Trichoderma virens-ATCC 9645/NCIM 1297)	IEC 60068-2-10
147	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Insulation materials and facings	Fungal resistance	ASTM C1338
148	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Paints and surface coatings	Antimicrobial activity of paints	ASTM D2574
149	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	APB-Acid Producing bacteria	BART-APB™
150	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	APB-Acid Producing bacteria	NACE TM0212-2012, TM0194-2014
151	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	HAB: Heterotrophic aerobic bacteria	BART-HAB™
152	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	HAB: Heterotrophic aerobic bacteria	NACE TM0212-2012, TM0194-2014
153	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	IRB-Iron related bacteria	BART-IRB™
154	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	IRB-Iron related bacteria	NACE TM0212-2012, TM0194-2014

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 12 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
155	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	SLYM-Slime forming bacteria	BART-SLYM™
156	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	SRB-Sulphate reducing bacteria	BART-SRB™
157	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Pipeline surfaces -Microbial Induced Corrosion tests (MIC)	SRB-Sulphate reducing bacteria	NACE TM0212-2012, TM0194-2014
158	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Polymers and related materials	Fungal resistance	ASTM G21
159	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Polymers, textiles, fabrics, Leather	Antimicrobial activity against staining by Streptomyces species (A Pink Stain Organism)	ASTM E1428
160	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Textiles, Fabrics, Carpets	Antibacterial activity	AATCC 100
161	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Textiles, Fabrics, Carpets	Antibacterial activity - Parallel Streak Method	AATCC 147
162	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Textiles, Fabrics, Carpets	Antibacterial activity - Single Streak Method	AATCC 174 Part I
163	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Textiles, Fabrics, Carpets	Antifumgal activity - Mildew and Rot Resistance	AATCC 174 Part III
164	BIOLOGICAL- RESISTANCE TO MICROBIAL ATTACK	Textiles, Fabrics, Carpets	Antifungal activity - Mildew and Rot Resistance	AATCC 30 PIII
165	BIOLOGICAL- WATER	Drinking water (raw and process)	Pseudomonas aeruginosa	ISO 16266
166	BIOLOGICAL- WATER	Drinking water (raw and process)	Clostridium perfringens	ISO 14189
167	BIOLOGICAL- WATER	Drinking water (raw and process)	Coliforms (Detection)	IS 15185
168	BIOLOGICAL- WATER	Drinking water (raw and process)	Coliforms (MPN)	IS 1622
169	BIOLOGICAL- WATER	Drinking water (raw and process)	Coliforms (MF)	APHA SMWW 23rd ed. 9222B
170	BIOLOGICAL- WATER	Drinking water (raw and process)	Coliforms (MPN)	APHA SMWW 23rd ed. 9221B
171	BIOLOGICAL- WATER	Drinking water (raw and process)	Enterococci	IS 15186
172	BIOLOGICAL- WATER	Drinking water (raw and process)	Escherichia coli	IS 1622
173	BIOLOGICAL- WATER	Drinking water (raw and process)	Escherichia coli/ Thermotolerant bacteria	IS 15185
174	BIOLOGICAL- WATER	Drinking water (raw and process)	Faecal coliforms	IS 1622
175	BIOLOGICAL- WATER	Drinking water (raw and process)	Total colony count	IS 5402
176	BIOLOGICAL- WATER	Drinking water (raw and process)	Total colony count	ISO 6222
177	BIOLOGICAL- WATER	Packaged drinking water	Coliforms	IS 15185

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	13 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
178	BIOLOGICAL- WATER	Packaged drinking water	Escherichia coli	IS 15185
179	BIOLOGICAL- WATER	Packaged drinking water	Faecal streptococci	IS 15186
180	BIOLOGICAL- WATER	Packaged drinking water	Pseudomonas aeruginosa	Annex D of IS 13428
181	BIOLOGICAL- WATER	Packaged drinking water	Salmonella	IS 15187
182	BIOLOGICAL- WATER	Packaged drinking water	Shigella	IS 5887 Part 7
183	BIOLOGICAL- WATER	Packaged drinking water	Staphylococcus aureus	IS 5887 Part 2
184	BIOLOGICAL- WATER	Packaged drinking water	Sulphite reducing anaerobes	Annex C of IS 13428
185	BIOLOGICAL- WATER	Packaged drinking water	Total viable colony count at 20-22degC	IS 5402
186	BIOLOGICAL- WATER	Packaged drinking water	Total viable colony count at 37degC	IS 5402
187	BIOLOGICAL- WATER	Packaged drinking water	Vibrio cholerae	IS 5887 Part 5
188	BIOLOGICAL- WATER	Packaged drinking water	Vibrio parahaemolyticus	IS 5887 Part 5
189	BIOLOGICAL- WATER	Packaged drinking water	Yeast and moulds	IS 5403
190	BIOLOGICAL- WATER	Packaged natural mineral water	Coliforms	IS 15185
191	BIOLOGICAL- WATER	Packaged natural mineral water	Escherichia coli	IS 15185
192	BIOLOGICAL- WATER	Packaged natural mineral water	Faecal streptococci	IS 15186
193	BIOLOGICAL- WATER	Packaged natural mineral water	Pseudomonas aeruginosa	Annex D of IS 13428
194	BIOLOGICAL- WATER	Packaged natural mineral water	Salmonella	IS 15187
195	BIOLOGICAL- WATER	Packaged natural mineral water	Shigella	IS 5887 Part 7
196	BIOLOGICAL- WATER	Packaged natural mineral water	Staphylococcus aureus	IS 5887 Part 2
197	BIOLOGICAL- WATER	Packaged natural mineral water	Sulphite reducing anaerobes	Annex C of IS 13428
198	BIOLOGICAL- WATER	Packaged natural mineral water	Vibrio cholerae	IS 5887 Part 5
199	BIOLOGICAL- WATER	Packaged natural mineral water	Vibrio parahaemolyticus	IS 5887 Part 5
200	BIOLOGICAL- WATER	Packaged natural mineral water	Yeast and Moulds	IS 5403
201	BIOLOGICAL- WATER	Purified water	Entero bacteriaceae	IP 2018/USP 37/EP
202	BIOLOGICAL- WATER	Purified water	Escherichia coli	IP (USP/EP)
203	BIOLOGICAL- WATER	Purified water	Pseudomonas aeruginosa	IP (USP/EP)
204	BIOLOGICAL- WATER	Purified water	Salmonella spp.	IP (USP/EP)
205	BIOLOGICAL- WATER	Purified water	Staphylococcus aureus	IP (USP/EP)
206	BIOLOGICAL- WATER	Purified water	Total aerobic microbial count	IP (USP/EP)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	14 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
207	BIOLOGICAL- WATER	Purified water	Total Yeast & Mould Count	IP 2018/USP 37/EP
208	BIOLOGICAL- WATER	Water for Processed Food Industry	Coliforms	IS 1622
209	BIOLOGICAL- WATER	Water for Processed Food Industry	Proteolytic bacterial count	IS 4251
210	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard plate count	IS 1622
211	BIOLOGICAL- WATER	Water for Processed Food Industry	Thermophilic bacteria	IS 4251
212	BIOLOGICAL- WATER	Water for Processed Food Industry	Lipolytic bacterial cout	IS 4251
213	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Chlorides	IS 4032, 1985
214	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Alumina As Al2O3	IS 4032 Cl.4.6.1
215	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Calcium oxide (CaO)	IS 4032, Cl- 4.7.2
216	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Chlorides	IS 4032 Cl 4.13
217	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Insoluble residue (IR)	IS 4032, Cl- 4.10
218	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Loss On Ignition (LOI)	IS 4032, Cl 4.2
219	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Magnesium oxide (MgO)	IS 4032, Cl- 4.8.2 & 7.2
220	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Potassium oxide (K2O)	IS 4032, Cl-4.11
221	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Silica as SiO2	IS 4032
222	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Sodium oxide (Na2O)	IS 4032, Cl- 4.11
223	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC)	Sulphuric anhydride (SO3)	IS 4032, Cl- 4.9
224	CHEMICAL- BUILDING MATERIAL	Cement (OPC, WPC, PSC, SRPC, RHPC, PSC)	Titanium as TiO2	ASTM D6349 (ICP-OES)
225	CHEMICAL- BUILDING MATERIAL	Cement clinker	Alumina As A 1203	IS 4032, CL 4.6.1, 1985
226	CHEMICAL- BUILDING MATERIAL	Cement clinker	Calcium as CaO	IS 4032, CL 4.7.2, 1985
227	CHEMICAL- BUILDING MATERIAL	Cement clinker	Chlorides	IS 4032, 1985

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	15 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
228	CHEMICAL- BUILDING MATERIAL	Cement clinker	Free Lime	IS 4032
229	CHEMICAL- BUILDING MATERIAL	Cement clinker	Insoluble residue (IR)	IS 4032, CL 4.10, 1985
230	CHEMICAL- BUILDING MATERIAL	Cement clinker	Iron as Fe203	IS 4032, CL 4.5, 1985
231	CHEMICAL- BUILDING MATERIAL	Cement clinker	loss on ignition	IS 4032, CL 4.2, 1985
232	CHEMICAL- BUILDING MATERIAL	Cement clinker	Megnesium as MGO	IS 4032, CL 4.8.2, 1985
233	CHEMICAL- BUILDING MATERIAL	Cement clinker	Potassium as K2O	IS 4032, CL 4.11, 1985
234	CHEMICAL- BUILDING MATERIAL	Cement clinker	Silica as SiO2	IS 4032, CL 4.3, 1985
235	CHEMICAL- BUILDING MATERIAL	Cement clinker	Sodium as Na2O	IS 4032, CL 4.11, 1985
236	CHEMICAL- BUILDING MATERIAL	Cement clinker	Sulphuric anhydride (SO3)	IS 4032, CL 4.9, 1985
237	CHEMICAL- BUILDING MATERIAL	Cement Clinker	TiO2	ASTM D6349 (ICP, OES)
238	CHEMICAL- BUILDING MATERIAL	Cement OPC, WPC ,SRPC, RHPC, PSC	Sulphide Sulphur	IS 4032-Cl-6.12
239	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Aluminium as Al2O3	ASTM D6349(ICP OES)
240	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Mangnese Mn	ASTM D 6349
241	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Phosphorus as P	ASTM D6349(ICP OES)
242	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Potassium as K2O	ASTM D6349(ICP OES)
243	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Silica (SiO2)	IS 1727 Cl- 5.4
244	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Sodium as Na2O	ASTM D6349 (ICP-OES)
245	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash& Bed ash	Sulphuric anhydride (SO3)	ASTM D 6349 (ICP OES)
246	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Available alkalies as Na2O	IS 3812 Part-1 & 2, Annexure-B

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	16 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
247	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Cadmium	ASTM D6357 (ICP-OES)
248	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Calcium Oxide CaO	ASTM D6349 (ICP-OES)
249	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Chlorides	IS 4032 Cl 4.13
250	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Chromium (Cr)	ASTM D6357 (ICP-OES)
251	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Copper (Cu)	ASTM D6357 (ICP-OES)
252	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Iron as Fe2O3	ASTM D6349 (ICP-OES)
253	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Lead Pb	ASTM D6357(ICP-OES)
254	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Loss on Ignition (LOI)	IS 1727, Cl- 5.3 & 5.7
255	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Magnesium oxide MgO	ASTM D6349 (ICP-OES)
256	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Nickel (Ni)	ASTM D6357 (ICP-OES)
257	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	SiO2	ASTM D6349 (ICP-OES)
258	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Titanium Ti	ASTM D6349 (ICP-OES)
259	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Vanadium V	ASTM D6357(ICP-OES)
260	CHEMICAL- BUILDING MATERIAL	Coal ash,Biomass ash,Bed ash	Zinc Zn	ASTM D6357-11
261	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition (LOI)	IS 1727, Cl- 5.3 & 5.7
262	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alumina (Al2O3)	IS 1727, Cl- 5.3& 5.7
263	CHEMICAL- BUILDING MATERIAL	Fly Ash	Available alkalies as Na2O	IS 3812 Part-1 & 2, Annexure-B
264	CHEMICAL- BUILDING MATERIAL	Fly Ash	Cadmium Cd	ASTM D6357
265	CHEMICAL- BUILDING MATERIAL	Fly ash	Calcium as (CaO)	IS 1727, Cl- 5.8

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	17 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
266	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chlorides	IS 4032 Cl 4.13
267	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chromium (Cr)	ASTM D6357 (ICP-OES)
268	CHEMICAL- BUILDING MATERIAL	Fly Ash	Copper Cu	ASTM D6357 (ICP-OES)
269	CHEMICAL- BUILDING MATERIAL	Fly ash	Insoluble residue (IR)	IS 1727
270	CHEMICAL- BUILDING MATERIAL	Fly Ash	Iron as (Fe2O3)	IS 1727, Cl- 5.6
271	CHEMICAL- BUILDING MATERIAL	Fly Ash	Lead Pb	ASTM D6357(ICP-OES)
272	CHEMICAL- BUILDING MATERIAL	Fly ash	Magnesium oxide (MgO)	IS 1727, Cl 5.9
273	CHEMICAL- BUILDING MATERIAL	Fly Ash	Nickel (Ni)	ASTM D6357 (ICP-OES)
274	CHEMICAL- BUILDING MATERIAL	Fly Ash	Phosphorus as P	ASTM D6349(ICP OES)
275	CHEMICAL- BUILDING MATERIAL	Fly ash	Potassium as K2O	IS 3812
276	CHEMICAL- BUILDING MATERIAL	Fly Ash	Potassium as K2O	ASTM D6349(ICP OES)
277	CHEMICAL- BUILDING MATERIAL	Fly ash	Reactive Silica	IS 3812 Part 1 (Annex B & ICP-OES)
278	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica (SiO2)	IS 1727 Cl- 5.4
279	CHEMICAL- BUILDING MATERIAL	Fly ash	Sodium as Na2O	IS 3812
280	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sodium as Na2O	ASTM D6349 (ICP-OES)
281	CHEMICAL- BUILDING MATERIAL	Fly Ash	Sulphuric anhydride (SO3)	IS 1727, Cl. 5.10
282	CHEMICAL- BUILDING MATERIAL	Fly Ash	Vanadium V	ASTM D6357(ICP-OES)
283	CHEMICAL- BUILDING MATERIAL	Fly Ash	Zinc Zn	ASTM D6357-11
284	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash& Bed ash	Al2O3	ASTM D6349 (ICP-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	18 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
285	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash& Bed ash	Lead as Pb	ASTM D6349
286	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash& Bed ash	Vanadium (V)	ASTM D6349
287	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash& Bed ash	Zinc as Zn	ASTM D6349
288	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash,Bed ash	P2O5	ASTM D6349, ICP-OES
289	CHEMICAL- BUILDING MATERIAL	Fly ash,Coal ash,Biomass ash,Bed ash	TiO2	IS 12423: 1988
290	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Silica as SiO2	IS 4032, Cl. 4.3. 1985
291	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	TiO2	ASTM, D 6349 (CP , OES)
292	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Alumina As A1203	IS 4032, Cl. 4.6.1. 1985
293	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Calcium as CaO	IS 4032, Cl. 4.7.2. 1985
294	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Glass content	IS 12089, 1987
295	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Insoluble residue (IR)	IS 4032, Cl. 4.10. 1985,
296	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Iron in Fe203	IS 4032, Cl. 4.5. 1985
297	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Loss on ignition	IS 4032, Cl. 4.2. 1985
298	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Magnesium as MgO	IS 4032, Cl. 4.68.2. 1985
299	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	manganese as Mn203	IS 4032, Cl. 6.10. 1985
300	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Sulphide Sulphur	IS 4032, Cl. 6.12. 1985
301	CHEMICAL- BUILDING MATERIAL	Granulated slag, GGBS	Sulphuric Anhydride (SO3)	IS 4032, Cl. 4.9. 1985
302	CHEMICAL- BUILDING MATERIAL	PPC & composite	Alumina As A 1203	IS 4032, Cl. 4.6.1.1985
303	CHEMICAL- BUILDING MATERIAL	PPC & composite	Insoluble residue (IR)	IS 4032, Cl. 4.10. 1985

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	19 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
304	CHEMICAL- BUILDING MATERIAL	PPC & composite	Calcium as CaO	IS 4032, Cl. 4.7.2. 1985
305	CHEMICAL- BUILDING MATERIAL	PPC & composite	Chlorides	IS 4032, Cl. 4.13.1985
306	CHEMICAL- BUILDING MATERIAL	PPC & composite	Iron as Fe 203	IS 4032, Cl. 4.5. 1985
307	CHEMICAL- BUILDING MATERIAL	PPC & composite	loss of ignition	IS 4032, Cl. 4.2. 1985
308	CHEMICAL- BUILDING MATERIAL	PPC & composite	Manesium as MgO	IS 4032, Cl. 4.8.2. 1985
309	CHEMICAL- BUILDING MATERIAL	PPC & composite	Potassium as K2O	IS 4032, Cl. 4.11 1985
310	CHEMICAL- BUILDING MATERIAL	PPC & composite	Silica as SiO2	IS 4032, Cl 4.3.1989
311	CHEMICAL- BUILDING MATERIAL	PPC & composite	Soldium as Na2O	IS 4032, Cl. 4.11. 1985
312	CHEMICAL- BUILDING MATERIAL	PPC & composite	sulphite sulphur	IS 4032, Cl. 6.12. 1985
313	CHEMICAL- BUILDING MATERIAL	PPC & composite	sulphuric anhydride (SO3)	IS 4032, Cl. 4.9. 1985
314	CHEMICAL- BUILDING MATERIAL	PPC & composite	TiO2	ASTM D 6349 (CP OES)
315	CHEMICAL- CORROSION TESTS	Aluminium & Aluminium Products coated materials Neutral salt spray test products	Neutral salt spray test	IS 9844
316	CHEMICAL- CORROSION TESTS	Coated and uncoated Metals, Non-metals salt spray(fog) test products	Salt spray (fog) test	ASTM B 117
317	CHEMICAL- CORROSION TESTS	Coated and uncoated Metals, Non-metals Salt spray(Neutral salt) test products	Neutral salt spray test	ISO 9227
318	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials,Paints, Varnishes and Related Metals, Non-metals	Salt spray(fog) test	IS 101 P6(Sec1)
319	CHEMICAL- CORROSION TESTS	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Corrosion (Salt/Salt Fog)	JSS 55555(Test No.09)
320	CHEMICAL- CORROSION TESTS	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Salt Mist Test	IS 9000(P11)
321	CHEMICAL- CORROSION TESTS	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Corrosion (Salt) test	JSS 0256-01(Test No.12)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	20 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
322	CHEMICAL- CORROSION TESTS	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Salt fog test	MIL-STD-810F(Method 509.4): 2000, MIL-STD-810G(Method 509.5): 2014, MIL-STD-810H(Method 509.7)
323	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Beryllium as Be	ASTM E3061 (ICP-OES)
324	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Bismuth	ASTM E1251 (S-OES)
325	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Cadmium(Cd)	ASTM E3061 (ICP-OES)
326	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chromium	ASTM E1251 (S-OES)
327	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Cobalt	ASTM E1251 (S-OES)
328	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Cobalt	ASTM E3061 (ICP-OES)
329	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Copper	ASTM E1251 (S-OES)
330	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Iron	ASTM E1251 (S-OES)
331	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Lead	ASTM E1251 (S-OES)
332	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium alloys	Lithium as Li	ASTM E1251(SPARK-OES)
333	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Magnesium	ASTM E1251 (S-OES)
334	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Manganese	ASTM E1251 (S-OES)
335	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Nickel	ASTM E1251 (S-OES)
336	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Silicon	ASTM E1251 (S-OES)
337	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium alloys	Silver as Ag	ASTM E1251
338	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Titanium	ASTM E1251 (S-OES)
339	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Vanadium	ASTM E1251 (S-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	21 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
340	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Zinc	ASTM E1251 (S-OES)
341	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium alloys	Zirconium as Zr	ASTM E 3061(ICP-OES)
342	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Chromium	ASTM E3061 (ICP-OES)
343	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Copper	ASTM E3061 (ICP-OES)
344	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Iron	ASTM E3061 (ICP-OES)
345	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Lead	ASTM E3061 (ICP-OES)
346	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	ASTM E3061 (ICP-OES)
347	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	ASTM E3061 (ICP-OES)
348	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Nickel	ASTM E3061 (ICP-OES)
349	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Silicon	IS 504 Part 1
350	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Tin	ASTM E1251(Spark-OES)
351	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Tin	ASTM E3061 (ICP-OES)
352	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Titanium	ASTM E3061 (ICP-OES)
353	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Vanadium	ASTM E3061 (ICP-OES)
354	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	ASTM E3061 (ICP-OES)
355	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zirconium	ASTM E1251(Spark OES)
356	CHEMICAL- METALS & ALLOYS	Carbon and alloy steels& Tool steel	Nitrogen as N	ASTM E 1019
357	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338 (Spark OES): 2003, ASTM E1999 (S-OES)
358	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338 (S-OES): 2003, ASTM E1999 (S-OES)

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 22 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
359	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999 (S-OES): 2011, IS 15338 (Spark OES)
360	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338 (S-OES): 2003, ASTM E1999 (S-OES)
361	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
362	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
363	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
364	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338 (S-OES): 2003, ASTM E1999 (S-OES)
365	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
366	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
367	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	IS 15338 (S-OES): 2003, ASTM E1999 (S-OES)
368	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
369	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999 (S-OES): 2011,IS 15338 (S-OES)
370	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium as Ti	SOP MA-15(ICP-OES)
371	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
372	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
373	CHEMICAL- METALS & ALLOYS	Cast Iron	Zirconium	ASTM E1999 (S-OES): 2011, IS 15338 (S-OES)
374	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Antimony	SOP MA-18 (ICP-OES),
375	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Arsenic	SOP MA-18 (ICP-OES),
376	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Beryllium	SOP MA-18 (ICP-OES)
377	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Bismuth	SOP MA-18 (ICP-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	23 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
378	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Cadmium	SOP MA-18 (ICP-OES)
379	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Chromium	SOP MA-18 (ICP-OES)
380	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Cobalt	SOP MA-18
381	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Copper (by Electrolysis)	ASTM E53
382	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Copper (by Electrolysis)	IS 3685
383	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Copper (by Electrolysis)	IS 4027-1
384	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Iron	SOP MA-18 (ICP-OES)
385	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Lead	SOP MA-18 (ICP-OES),
386	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Magnesium	SOP MA-18 (ICP-OES),
387	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Manganese	SOP MA-18 (ICP-OES)
388	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Nickel	SOP MA-18 (ICP-OES)
389	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Phosphorous	SOP MA-18 (ICP-OES)
390	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Silver	SOP MA-18 (ICP-OES)
391	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Tin	SOP MA-18 (ICP-OES)
392	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal	Zinc as Zn	SOP MA-18 (ICP-OES)8
393	CHEMICAL- METALS & ALLOYS	Copper and Its Alloy; Brass, Gun Metal, Bronzes, Dutch metal etc	Aluminium as Al	SOP MA-18 (ICP-OES)
394	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Antimony as Sb	E 15079(Spark-OES)
395	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Tellurium as Te	EN 15079(Spark OES)
396	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Tellurium as Te	SOP MA-18(ICP-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	24 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
397	CHEMICAL- METALS & ALLOYS	Copper & Copper alloys	Zinc as Zn	SOP MA-18(ICP-OES)
398	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Antimony	EN 15079 (S-OES)
399	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Arsenic	EN 15079 (S-OES)
400	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Bismuth	EN 15079 (S-OES)
401	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Cobalt	EN 15079 (S-OES)
402	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Iron	EN 15079 (S-OES)
403	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Lead	EN 15079 (S-OES)
404	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Magnesium	EN 15079 (S-OES)
405	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Manganese	EN 15079 (S-OES)
406	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Nickel	EN 15079 (S-OES)
407	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Phosphorus	EN 15079 (S-OES)
408	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Silicon as Si	EN 15079 (S-OES)
409	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Sulphur	EN 15079 (S-OES)
410	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Tin	EN 15079 (S-OES)
411	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Zinc	EN 15079 (S-OES)
412	CHEMICAL- METALS & ALLOYS	Copper and Copper a;lloys	Silver as Ag	EN 15079(SPARK OES)
413	CHEMICAL- METALS & ALLOYS	Copper and Copper Alloys	Aluminium	EN 15079 (S-OES)
414	CHEMICAL- METALS & ALLOYS	Copper and Copper alloys	Copper as Cu	EN 15079(SPARK-OES)
415	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Aluminium as Al	SOP MA-21 (ICP-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	25 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
416	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Beryllium	SOP MA-21 (ICP-OES)
417	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Cadmium as Cd	SOP MA-21 (ICP-OES)
418	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Calcium as Ca	SOP MA-21 (ICP-OES)
419	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Copper as Cu	SOP MA-21 (ICP-OES)
420	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Iron as Fe	SOP MA-21 (ICP-OES)
421	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Lead as Pb	SOP MA-21 (ICP-OES)018
422	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Manganese as Mn	SOP MA-21 (ICP-OES)
423	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Nickel as Ni	SOP MA-21(ICP-OES)
424	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Silicon	SOP MA-21 (ICP-OES)
425	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Tin as Sn	SOP MA-21(ICP-OES)
426	CHEMICAL- METALS & ALLOYS	Magnesium alloys	Zinc	SOP MA-21 (ICP-OES), Rev 01
427	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Aluminium	ASTM E415 (S-OES): 2017, IS 8811 (S-OES)
428	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Arsenic	IS 8811 (S-OES): 1998,ASTM E415 (S-OES)
429	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Boron	IS 8811:1998, ASTM E415 (S-OES)
430	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Carbon	ASTM E 415:2021, IS 8811 (S-OES)
431	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Chromium	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
432	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Cobalt	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
433	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Copper	ASTM E415 (S-OES): 2021, IS 8811 (S-OES)
434	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Manganese	ASTM E415:2021, IS 8811 (S-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	26 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
435	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Molybdenum	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
436	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Nickel	IS 8811 (S-OES): 1998,ASTM E415 (S-OES)
437	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Niobium	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
438	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Phosphorous	ASTM E415 (S-OES): 2017, IS 8811 (S-OES)
439	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Silicon	IS 8811: 1998, ASTM E415 (S-OES)
440	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Sulfur	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
441	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Tin	ASTM E415 (S-OES): 2017, IS 8811 (S-OES)
442	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Titanium	IS 8811 (S-OES): 1998, ASTM E415 (S-OES)
443	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Vanadium	ASTM E415 (S-OES): 2017, IS 8811 (S-OES)
444	CHEMICAL- METALS & ALLOYS	Mild Steels, Low Alloy Steels, All carbon steels	Zirconium	ASTM E415 (S-OES): 2017, IS 8811 (S-OES)
445	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Aluminium	ASTM E2823-17(ICPMS)
446	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Antimony	ASTM E2823-17(ICPMS)
447	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Arsenic	ASTM E2594(ICP-OES)
448	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Bismuth	ASTM E2594(ICP-OES)
449	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Bismuth	ASTM E2823-17(ICPMS)
450	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Boron	ASTM E2594(ICP-OES)
451	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Boron	ASTM E2823-17(ICPMS)
452	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Calcium	ASTM E2594(ICP-OES)
453	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Chromium	E2823-17,ASTM E2594

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	27 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
454	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Cobalt	ASTM E2594-20/E2823-17
455	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Copper	E2823-17,ASTM E2594
456	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Iron	ASTM E2594(ICP-OES)
457	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Silicon	E2823-17,ASTM E2594
458	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Tin	ASTM E2594(ICP-OES)
459	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Titanium	ASTM E2594(ICP-OES)
460	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Tungsten	ASTM E2594(ICP-OES)
461	CHEMICAL- METALS & ALLOYS	Nickel base (Inconel/Incoloy/Hastelloy/Monel)	Vanadium as V	ASTM E 2594-20/E2823-17(ICPMS)
462	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ASTM E1086 (S-OES): 2014, IS 9879 (S-OES)
463	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E350
464	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E352
465	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E353
466	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	IS 228 Part 7
467	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 228 Part 5
468	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	SOP MA-14 (ICP-OES), Rev 01
469	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	ASTM E350
470	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	IS 228 Part 3
471	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086:2014, IS 9879 (S-OES)
472	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E 1086-14, IS 9879 (S-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	28 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
473	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E1086-14, IS 9879 (S-OES)
474	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	ASTM E 1086-14, IS 9879 (S-OES)
475	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium as Al	SOP MA-14 (ICP-OES), Rev 01
476	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	ASTM E1086 (S-OES): 2014, IS 9879 (S-OES)
477	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ELTRA equipment Manual & ASTM E1019)
478	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	S 9879 (S-OES): 1998, ASTM E1086 (S-OES)
479	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 228 Part 6
480	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879 (S-OES): 1998, ASTM E1086 (S-OES)
481	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	SOP MA-14 (ICP-OES), Rev 01
482	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879 (S-OES): 1998, ASTM E1086 (S-OES)
483	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	SOP MA-14 (ICP-OES), Rev 01018
484	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086-14, IS 9879 (S-OES)
485	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	ASTM E1086 (S-OES)
486	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	SOP MA-14 (ICP-OES), Rev 01
487	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086 (S-OES): 2014, IS 9879 (S-OES)
488	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 228 Part 2
489	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	SOP MA-14 (ICP-OES), Rev 01
490	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086 (S-OES) : 2014, IS 9879 (S-OES)
491	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	SOP MA-14 (ICP-OES), Rev 01

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	29 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
492	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E352
493	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E353
494	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879 (S-OES): 1998, ASTM E1086 (S-OES)
495	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium as Nb	SOP MA-14 (ICP-OES), Rev 01
496	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	IS 228 Part 19
497	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	ASTM E352
498	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	ASTM E353
499	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorous	SOP MA-14 (ICP-OES), Rev 01
500	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086 (S-OES): 2014, IS 9879 (S-OES)
501	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E350
502	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E352
503	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E353
504	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 228 Part 8
505	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879 (S-OES): 1998, ASTM E1086 (S-OES)
506	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon as Si	SOP MA-14
507	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E1086 (S-OES)
508	CHEMICAL- METALS & ALLOYS	Stainless steel	sulphur	ELTRA equipment manual ASTM E1019
509	CHEMICAL- METALS & ALLOYS	Stainless steel	Tantalum	SOP MA-14 (ICP-OES), Rev 01
510	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium as Ti	SOP MA-14 (ICP-OES), Rev 01

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	30 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
511	CHEMICAL- METALS & ALLOYS	Stainless steel	Tungsten	SOP MA-14 (ICP-OES), Rev 01
512	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	SOP MA-14 (ICP-OES), Rev 01
513	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Arsenic as As	SOP MA-15 (ICP-OES), Rev 01, 2021
514	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Copper	SOP MA-15 (ICP-OES), Rev 01
515	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Lead	SOP MA-15 (ICP-OES), Rev 01
516	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Manganese	ASTM E351
517	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Manganese	SOP MA-15 (ICP-OES), Rev 01
518	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Nickel	IS 12308 Part 7
519	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Nickel	ASTM E351
520	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Aluminum	SOP MA-15 (ICP-OES), Rev 01
521	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Antimony	SOP MA-15 (ICP-OES), Rev 01
522	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Boron	SOP MA-15 (ICP-OES), Rev 01
523	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Carbon	ELTRA equipment Manual & ASTM E1019
524	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Chromium	ASTM E351
525	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Chromium	IS 12308 Part 8
526	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Chromium	IS 228 part6
527	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Chromium	SOP MA-15 (ICP-OES), Rev 01
528	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Cobalt	SOP MA-15 (ICP-OES), Rev 01
529	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Manganese	IS 12308 Part 10

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	31 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
530	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Manganese	IS 228 Part 2
531	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Molybdenum	ASTM E351: 2013, IS 12308 Part 9:
532	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Molybdenum	SOP MA-15 (ICP-OES), Rev 01
533	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Nickel	IS 228 Part 5
534	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Nickel	SOP MA-15 (ICP-OES), Rev 01
535	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Niobium	SOP MA-15 (ICP-OES), Rev 01
536	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Nitrogen	IS 228 Part 19
537	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Phosphorous	IS 12308 Part 5
538	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Phosphorous	IS 228 Part 3
539	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Phosphorous	SOP MA-15 (ICP-OES), Rev 01
540	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Silicon	ASTM E351
541	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Silicon	IS 12308 Part 6
542	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Silicon	IS 228 Part 8
543	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Silicon as Si	SOP MA-15(ICP-OES)
544	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Sulphur	ELTRA equipment Manual & ASTM E1019
545	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Tantalum	SOP MA-15 (ICP-OES), Rev 01
546	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Titanium	SOP MA-15 (ICP-OES), Rev 01
547	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Tungsten	SOP MA-15 (ICP-OES), Rev 01
548	CHEMICAL- METALS & ALLOYS	Steels– MS, LAS, Cast Iron & Tool Steel	Vanadium	SOP MA-15 (ICP-OES), Rev 01

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	32 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
549	CHEMICAL- METALS & ALLOYS	Titanium alloys	Aluminium (Al)	ASTM E2371 (ICP-OES)
550	CHEMICAL- METALS & ALLOYS	Titanium alloys	Carbon as C	ASTM E 1019
551	CHEMICAL- METALS & ALLOYS	Titanium alloys	Chromium (Cr)	ASTM E2371 (ICP-OES)
552	CHEMICAL- METALS & ALLOYS	Titanium alloys	Copper (Cu)	ASTM E2371 (ICP-OES)
553	CHEMICAL- METALS & ALLOYS	Titanium alloys	Hydrogen as H	ASTM E 1447
554	CHEMICAL- METALS & ALLOYS	Titanium alloys	Iron (Fe)	ASTM E2371 (ICP-OES)
555	CHEMICAL- METALS & ALLOYS	Titanium alloys	Molybdenum (Mo)	ASTM E2371 (ICP-OES)
556	CHEMICAL- METALS & ALLOYS	Titanium alloys	Nickel (Ni)	ASTM E2371 (ICP-OES)
557	CHEMICAL- METALS & ALLOYS	Titanium alloys	Niobium	ASTM E 2371:2021(ICP-OES)
558	CHEMICAL- METALS & ALLOYS	Titanium alloys	Nitrogen as N	ASTM E 1409
559	CHEMICAL- METALS & ALLOYS	Titanium alloys	Oxygen	ASTM E 1409
560	CHEMICAL- METALS & ALLOYS	Titanium alloys	Palladium as Pd	ASTM E 2371
561	CHEMICAL- METALS & ALLOYS	Titanium alloys	Ruthenium as Ru	ASTM E 2371
562	CHEMICAL- METALS & ALLOYS	Titanium alloys	Silicon (Si)	ASTM E2371 (ICP-OES)
563	CHEMICAL- METALS & ALLOYS	Titanium alloys	Sulphur as S	ASTM E 1019
564	CHEMICAL- METALS & ALLOYS	Titanium alloys	Tantalum as Ta	ASTM E 2371
565	CHEMICAL- METALS & ALLOYS	Titanium alloys	Tin as sn	ASTM E 2371(ICP OES)
566	CHEMICAL- METALS & ALLOYS	Titanium alloys	Tungsten (W)	ASTM E2371 (ICP-OES)
567	CHEMICAL- METALS & ALLOYS	Titanium alloys	Vanadium (V)	ASTM E2371 (ICP-OES)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	33 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
568	CHEMICAL- METALS & ALLOYS	Titanium alloys	Yittrium (Y)	ASTM E2371 (ICP-OES)
569	CHEMICAL- METALS & ALLOYS	Titanium alloys	Zirconium (Zr)	ASTM E2371 (ICP-OES)
570	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Boron as B	ASTM E2371(ICP-OES)
571	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Vanadium as V2O5,	IS 2000 Part 6, RA-2017
572	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Iron as Fe2O3	SOP OM-03, Rev-01
573	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Magnesium as MgO	IS 2000 Part 9:1989,SOP: OM-03,Rev.01
574	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Alumina as Al2O3	IS 2000 Part 3,SOP: OM-03
575	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Available Alumina	SOP OM-03, Rev-01
576	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Calcium as CaO	IS 2000 Part 9&SOP OM-03
577	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Chromium as Cr	SOP OM-03, Rev-01
578	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Iron as Fe2O3	IS 2000 Part 4
579	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Loss on ignition	IS 2000 Part 1
580	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Manganese as MnO	IS 2000 Part 8:1989,SOP: OM-03
581	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Potassium as K2O	SOP: OM-03
582	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Reactive Silica	SOP OM-03, Rev-01
583	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Silica as SiO2	IS 2000 Part 2, SOP OM-03, Rev-01
584	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Sodium as Na2O	SOP OM-03, Rev-01
585	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Titanium as TiO2	IS 2000 Part 5
586	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Titanium as TiO2	SOP OM-03, Rev-01

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	34 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
587	CHEMICAL- ORES & MINERALS	Bauxite/Aluminium	Vanadium as V2O5	SOP OM-03, Rev-01
588	CHEMICAL- ORES & MINERALS	Clays	Alumina as Al2O3	ASTM C-323-56
589	CHEMICAL- ORES & MINERALS	Clays	Calcium as CaO	ASTM C-323-56
590	CHEMICAL- ORES & MINERALS	Clays	Combined Oxides of Fe,Al,Ti (R2O3)	ASTM C 323-56
591	CHEMICAL- ORES & MINERALS	Clays	Iron as Fe2O3	ASTM C-323-56
592	CHEMICAL- ORES & MINERALS	Clays	Loss on ignition	ASTM C-323-56
593	CHEMICAL- ORES & MINERALS	Clays	Magnesium as MgO	ASTM C-323-56
594	CHEMICAL- ORES & MINERALS	Clays	Moisture	ASTM C 323-56
595	CHEMICAL- ORES & MINERALS	Clays	Potassium as K2O	ASTM C-323-56
596	CHEMICAL- ORES & MINERALS	Clays	Silica as SiO2	ASTM C-323-56
597	CHEMICAL- ORES & MINERALS	Clays	Sodium as Na2O	ASTM C-323-56
598	CHEMICAL- ORES & MINERALS	Clays	Titanium as TiO2	ASTM C-323-56
599	CHEMICAL- ORES & MINERALS	Geological Samples	Appearance	SOP OM-13
600	CHEMICAL- ORES & MINERALS	Geological samples	Bulk density	SOP OM 13
601	CHEMICAL- ORES & MINERALS	Geological samples	Specic gravity& density	SOP OM-13
602	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al2O3	IS 1493 Part 1
603	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorus as P2O5	IS 1493 Part 1(RA2001)
604	CHEMICAL- ORES & MINERALS	Iron Ore	Potassium as K2O	IS 1493 Part 6
605	CHEMICAL- ORES & MINERALS	Iron Ore	Silica as SiO2	IS 1493 Part 1

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	35 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
606	CHEMICAL- ORES & MINERALS	Iron Ore	Sodium as Na2O	IS 1493 Part 6, (RA 2001)
607	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur	IS 1493(Part 1),RA2001
608	CHEMICAL- ORES & MINERALS	Iron ore	Alumina as Al2O3	SOP OM-06
609	CHEMICAL- ORES & MINERALS	Iron ore	Calcium as CaO	IS 1493(Part-3)1987/RA2001
610	CHEMICAL- ORES & MINERALS	Iron ore	Calcium as CaO	SOP OM-06, Rev-01
611	CHEMICAL- ORES & MINERALS	Iron Ore	Chromium as Cr	IS1493(Part-3)1987,RA2001
612	CHEMICAL- ORES & MINERALS	Iron Ore	Chromium as Cr	SOP OM-06, Rev-01
613	CHEMICAL- ORES & MINERALS	Iron Ore	Copper as Cu	IS 1493(Part 5)1990/RA2001
614	CHEMICAL- ORES & MINERALS	Iron Ore	Copper as Cu	SOP OM-06, Rev-01
615	CHEMICAL- ORES & MINERALS	Iron ore	Ferrous Iron as FeO	IBM Manual
616	CHEMICAL- ORES & MINERALS	Iron ore	Iron (Fe) content	IS 1493 Part 1
617	CHEMICAL- ORES & MINERALS	Iron ore	Iron as Fe2O3	IS 1493(part-1)1981 RA2001
618	CHEMICAL- ORES & MINERALS	Iron ore	Loss on ignition	SOP OM-11
619	CHEMICAL- ORES & MINERALS	Iron Ore	Magnesium as MgO	IS 1493(Part-3), SOP:OM-04,Rev:01
620	CHEMICAL- ORES & MINERALS	Iron ore	Moisture	SOP OM-11
621	CHEMICAL- ORES & MINERALS	Iron Ore	Sodium as Na2O	SOP OM-06
622	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur	SOP OM-04, Rev-01
623	CHEMICAL- ORES & MINERALS	Iron Ore	Titanium as TiO2	IS 1493(Part-3), SOP OM-06
624	CHEMICAL- ORES & MINERALS	Iron Ore	Vanadium as V2O5	Is 1493(Part-3),RA 2001

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	36 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
625	CHEMICAL- ORES & MINERALS	Iron Ore	Vanadium as V2O5	SOP OM-06, Rev-01
626	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite, Magnesite & allied materials	Chloride as Cl	IS 1760 Part 5
627	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Alumina as Al2O3	ASTM C1301 (ICP-OES)
628	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Alumina as Al2O3	ASTM C-25
629	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Alumina as Al2O3	IS 1760 Part 3(RA 2017)
630	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Calcium as CaO	ASTM C1301 (ICP-OES)
631	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Calcium as CaO	ASTM C-25
632	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Calcium as CaO	IS 1760 Part 3
633	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Combined oxides of Fe, Al, P, Ti &Mn 2+, 3+ (R2O3)	ASTM C-25
634	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Free Silica as SiO2	IS 1760(Part-6)
635	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Iron as Fe2O3	ASTM C-25
636	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Iron as Fe2O3	IS 1760 Part 3: 1992,ASTM C1301 (ICP-OES)
637	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Loss on ignition	ASTM C-25: 2011,IS 1760 Part 1
638	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Magnesium as MgO	ASTM C1301 (ICP-OES)
639	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Magnesium as MgO	ASTM C-25
640	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Magnesium as MgO	IS 1760 Part 3
641	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Manganese as MnO	ASTM C1301(RA 2014) (ICP-OES)
642	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Moisture	SOP OM-11 Rev-01
643	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Phosphorus as P2O5	ASTM C-25

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	37 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
644	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Phosphorus as P2O5	ASTMC1301 (ICP-OES)
645	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Potassium as K2O	ASTM C1301 (ICP-OES)
646	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Potassium as K2O	SOP OM-05, Rev-01
647	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Silica as SiO2	ASTM C1301 (ICP-OES)
648	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Silica as SiO2	ASTM C-25
649	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Silica as SiO2	IS 1760 Part 2
650	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Sodium as Na2O	ASTM C1301 (ICP-OES)
651	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Sodium as Na2O	SOP OM-05, Rev-01
652	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Sulphur as SO3	ASTM C 1301:1995
653	CHEMICAL- ORES & MINERALS	Lime stone, Dolomite,Magnesite & allied materials	Sulphur as SO3	ASTM C-25
654	CHEMICAL- ORES & MINERALS	Manganese ore	Alumina as Al2O3	IBM Manual, page 78
655	CHEMICAL- ORES & MINERALS	Manganese ore	Alumina as Al2O3	SOP OM-01, Rev-01
656	CHEMICAL- ORES & MINERALS	Manganese Ore	Calcium as CaO	SOP OM-01 (ICP-OES), Rev 01
657	CHEMICAL- ORES & MINERALS	Manganese Ore	Chromium as Cr	SOP OM-01, Rev-01
658	CHEMICAL- ORES & MINERALS	Manganese Ore	Copper as Cu	SOP OM-01, Rev-01
659	CHEMICAL- ORES & MINERALS	Manganese Ore	Iron as Fe	IS 1473
660	CHEMICAL- ORES & MINERALS	Manganese Ore	Lead as Pb	SOP OM-01, Rev-01
661	CHEMICAL- ORES & MINERALS	Manganese Ore	Loss on ignition	SOP: OM-11
662	CHEMICAL- ORES & MINERALS	Manganese Ore	Magnesium as MgO	SOP OM-01 (ICP-OES), Rev 01

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	38 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
663	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese as Mn	IS 1473
664	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese as MnO2	IS 1473: 2004,IBM Manual, page 49
665	CHEMICAL- ORES & MINERALS	Manganese Ore	Phosphorous (P)	SOP OM-01 (ICP-OES), Rev. 01
666	CHEMICAL- ORES & MINERALS	Manganese Ore	Phosphorus as P	IS 1473
667	CHEMICAL- ORES & MINERALS	Manganese Ore	Potassium as K2O	IS 1473
668	CHEMICAL- ORES & MINERALS	Manganese Ore	Potassium as K2O	SOP OM-01 (ICP-OES), Rev 01
669	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica as SiO2	IS 1473 / IBM Manual, page 49
670	CHEMICAL- ORES & MINERALS	Manganese Ore	Sodium as Na2O	SOP OM-01 (ICP-OES), Rev 01
671	CHEMICAL- ORES & MINERALS	Manganese Ore	Titanium as TiO2	IS 1473
672	CHEMICAL- ORES & MINERALS	Manganese Ore	Titanium as TiO2	SOP OM-01 (ICP-OES), Rev 01
673	CHEMICAL- ORES & MINERALS	Manganese Ore	Vanadium as V2O5	SOP OM-01, Rev-01
674	CHEMICAL- ORES & MINERALS	Manganese Ore	Zinc as Zn	SOP OM-01, Rev-01
675	CHEMICAL- ORES & MINERALS	PG metal ores	Iridium as Ir	SOP: OM-07
676	CHEMICAL- ORES & MINERALS	PG metal ores	Palladium	SOP: OM-07
677	CHEMICAL- ORES & MINERALS	PG metal ores	Platinum as Pt	SOP: OM-07
678	CHEMICAL- ORES & MINERALS	PG metal Ores	Rhodium as Rh	SOP OM-07
679	CHEMICAL- ORES & MINERALS	PG metal ores	Ruthenium as Ru	SOP: OM-07
680	CHEMICAL- ORES & MINERALS	Precious metals(ores, Mineral Rocks, Soils& Sediments	Gold	SOP: OM-09
681	CHEMICAL- ORES & MINERALS	Precious metals(ores, Mineral Rocks, Soils& Sediments	Palladium	SOP: OM-09

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	39 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
682	CHEMICAL- ORES & MINERALS	Precious metals(ores, Mineral Rocks, Soils& Sediments	Platinum	SOP: OM-09
683	CHEMICAL- ORES & MINERALS	Precious metals(ores, Mineral Rocks, Soils& Sediments	Rhodium as Rh	SOP: OM-09
684	CHEMICAL- ORES & MINERALS	Precious metals(ores, Mineral Rocks, Soils& Sediments	Silver	SOP: OM-09
685	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Aluminium as Al2O3	IS 1917 Part 4, SOP OM-02 (ICP-OES) REV 01
686	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Barium as Ba	SOP OM-02
687	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Beryllium as Be	SOP OM-02, Rev-01
688	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Calcium as CaO	IS 1917 Part 6, SOP OM-02 (ICP-OES) REV 01
689	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Chromium as Cr	SOP OM-02
690	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Copper as Cu	SOP OM-02, Rev-01
691	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Electrical Conductivity of 5% or 10 %	SOP OM-02
692	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Germanium as Ge	SOP OM-02
693	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Iron as Fe2O3	IS 1917 Part 5, SOP OM-02 (ICP-OES) REV 01
694	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Loss on ignition	IS 1917 Part 1, SOP OM-02 (ICP-OES) REV 01
695	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Magnesium as MgO	IS 1917 Part 6, SOP OM-02 (ICP-OES) REV 01
696	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Manganese as MnO	SOP OM-02 (ICP-OES) REV 01
697	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Potassium as K2O	IS 1917 Part 2, SOP OM-02 (ICP-OES) REV 01
698	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Silica as SiO2	IS 1917 Part 3, SOP OM-02 (ICP-OES) REV 01
699	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Sodium as Na2O	IS 1917 Part 2, SOP OM-02 (ICP-OES) REV 01
700	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Strontium as Sr	SOP OM-02

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	40 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
701	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Titanium as TiO2	IS 1917 Part 7, SOP OM-02 (ICP-OES) REV 01
702	CHEMICAL- ORES & MINERALS	Quartz & Silica sand	Vanadium as V	SOP OM-02, Rev-01
703	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Cerium as ce	SOP OM-08
704	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Dysprosium as Dy	SOP: OM-08
705	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Erbium as Er	SOP: OM-08
706	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Europium as Eu	SOP: OM-08
707	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Gadolinium as Gd	SOP: OM-08
708	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Holmium as Ho	SOP: OM-08
709	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Lanthanum as La	SOP-08
710	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Lutetium as Lu	SOP: OM-08
711	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Neodymium as Nd	SOP: OM-08
712	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Praseodymium as Pr	SOP: OM-08
713	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Samerium as Sm	SOP: OM-08
714	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Scandium as Sc	SOP: OM-08
715	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Terbium as Tb	SOP OM-08
716	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Thorium as Th	SOP: OM-08
717	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Thulium as Tm	SOP: OM-08
718	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Uranium as U	SOP: OM-08
719	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Yttrerbium as Yb	SOP: OM-08

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	41 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
720	CHEMICAL- ORES & MINERALS	Rare earth elements & rare elements in Geological samples	Yttrium as Y	SOP: OM-08
721	CHEMICAL- ORES & MINERALS	Rock phosphate	Chloride as Cl	IS 11224
722	CHEMICAL- ORES & MINERALS	Rock phosphate	Moisture	IS 11224
723	CHEMICAL- ORES & MINERALS	Rock phosphate	Moisture	IS 9386
724	CHEMICAL- ORES & MINERALS	Rock phosphate	Silica as SiO2	IS 11224
725	CHEMICAL- ORES & MINERALS	Rock phosphate	Total phosphate as P2O5	IS 11224
726	CHEMICAL- ORES & MINERALS	Rock phosphate	Total phosphate as P2O5	IS 9386
727	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	Al2O3	IS 9749
728	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	CaO	IS 9749
729	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	Fe2O3	IS 9749
730	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	K2O	IS 9749
731	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	Loss on ignition	IS 9749
732	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	MgO	IS 9749
733	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	Na2O	IS 9749
734	CHEMICAL- ORES & MINERALS	Silicate minerals (Feldspar)	SiO2	IS 9749
735	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Antimony as Sb	SOP OM-12
736	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Beryllium as Be	SOP: OM-12
737	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Bismuth as Bi	SOP: OM-12
738	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Bismuth as Bi	SOP: OM-12

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	42 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
739	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Cadmium as Cd	SOP: OM-12
740	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Cesium as Cs	SOP: OM-12
741	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Chromium as Cr	SOP: OM-12
742	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Gallium as Ga	SOP: OM-12
743	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Germanium as Ge	SOP: OM-12
744	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Halfnium as Hf	SOP: OM-12
745	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Indium as In	SOP: OM-12
746	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Lithium as Li	SOP: OM-12
747	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Molybdenum as Mo	SOP: OM-12
748	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Niobium as Nb	SOP: OM-12
749	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Rubidium as Rb	SOP: OM-12
750	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Scandium as Sc	SOP: OM-12
751	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Selenium as Se	SOP: OM-12
752	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Silver as Ag	SOP: OM-12
753	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Strontium as Sr	SOP: OM-12
754	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Tantalum as Ta	SOP: OM-12
755	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Tellurium as Te	SOP: OM-12
756	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Thallium as Ti	SOP: OM-12
757	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Tin as Sn	SOP: OM-12

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	43 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
758	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Vanadium as V	SOP: OM-12
759	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Zinc	SOP: OM-12
760	CHEMICAL- ORES & MINERALS	Trace elements in Geological samples (Rocks, Soils, Sediments,Ores& Minerals)	Zirconium as Zr	SOP: OM-12
761	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Arsenic	APHA 23rd Edn., Ch. 3114B
762	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Arsenic	IS 3025 Part 37 (By Hydride generation technique)
763	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Boron	EPA 200.7
764	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Boron	IS 3025 Part 2 (by ICP-OES)
765	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cadmium	APHA 23rd Edn., 3120B (EPA 200.7)
766	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cadmium	IS 3025 Part 2 (by ICP-OES)
767	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Colour Pt-Co (for treated effluent & Sewage water)	APHA 23rd Edn., Ch. 2120B
768	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Colour Pt-Co (for treated effluent & Sewage water)	IS 3025 Part 4
769	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Conductivity	APHA 23rd Edn. Ch. 2510B
770	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Copper	APHA 23rd Edn. Ch. 3120B (EPA 200.7)
771	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Copper	IS 3025 Part 2 (by ICP-OES)
772	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Lead	APHA 23rd Edn., Ch. 3120B, (EPA 200.7)
773	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Lead	IS 3025 Part 2 (By ICP-OES)
774	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Mercury	APHA 23rd Edn., Ch. 3112B,
775	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Mercury	IS 3025 Part 48 (By Hydride generation technique)
776	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Nickel	APHA 23rd Edn., Ch. 3120B (EPA 200.7)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	44 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
777	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Nickel	IS 3025 Part 2 (by ICP-OES)
778	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	pH	IS 3025 Part 11
779	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Selenium	APHA 23rd Edn., Ch. 3114B
780	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Selenium	IS 3025 Part 56 By Hydride generation technique
781	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Chromium	APHA 23rd Edn., Ch. 3120B (EPA 200.7)
782	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Chromium	IS 3025 Part 2 (by ICP-OES)
783	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Residual Chlorine	APHA 23rd Edn., Ch. 4500-Cl B
784	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Residual Chlorine	IS 3025 Part 26
785	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Zinc	APHA 23rd Edn., Ch. 3120B (EPA 200.7)
786	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Zinc	IS 3025 Part 2 (by ICP-OES)
787	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Ammoniacal Nitrogen	APHA 23rd Edn., Ch. 4500-NH3,F
788	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Ammoniacal Nitrogen	IS 3025 Part 34
789	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Biochemical oxygen demand 3 day at 27degC	IS 3025 Part 44
790	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Calcium	IS 3025 Part 40
791	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Chemical oxygen demand	APHA 23rd Edn., Ch. 5220B
792	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Chemical oxygen demand	IS 3025 Part 58
793	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Chloride	APHA 23rd Edn., Ch. 5530C
794	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Chloride	IS 3025 Part 32, sec2
795	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cobalt	APHA 23rd Edn., Ch. 3120B (EPA 200.7)

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 45 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
796	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cobalt	IS 3025 Part 2 (by ICP-OES)
797	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Conductivity	IS 3025 Part 14
798	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Conductivity	IS 3025 Part 14:
799	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cyanide	APHA 23rd Edn., Ch. 4500-CN-B&E
800	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Cyanide	IS 3025 Part 27, Sec.3
801	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Dissolved oxygen	APHA 23rd Edn., Ch. 4500 B
802	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Dissolved oxygen	IS 3025 Part 38
803	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Fixed solids	APHA 23rd Edn., Ch. 2540E
804	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Fixed solids	IS 3025 Part 18
805	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Fluoride	APHA 23rd edn., Ch. 4500-F B &C
806	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Fluoride	IS 3025 Part 60
807	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Hexavalent Chromium (Cr6+)	EPA 7196A (UV-VIS)
808	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Iron	APHA 23rd Edn., Ch. 3120B (EPA 200.7)
809	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Iron	IS 3025 Part 2 (by ICP-OES)
810	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Magnesium	IS 3025 Part 46
811	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Manganese	APHA 23rd Edn., Ch. 3120 B (EPA 200.7)
812	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Manganese	IS 3025 Part 2 (by ICP-OES)
813	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Nitrate Nitrogen	IS 3025 Part 34, Sec.3
814	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Nitrite	APHA 23rd Edn., Ch. 4500 NO2-B

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	46 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
815	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Nitrite	IS 3025 Part 34, sec.4
816	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Oil and grease	IS 3025 Part 39
817	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	pH	APHA 23rd Edn., Ch. 4500H+ B
818	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Phenolic compounds	APHA 23rd Edn., Ch. 5530C
819	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Phenolic compounds	IS 3025 Part 43
820	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Potassium	APHA 23rd to Edn., Ch. 3500K-B (Flame photometry)
821	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Potassium	IS 3025 Part 2 (by ICP-OES)
822	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Sulfide	APHA 23rd Edn., Ch. 4500 S2-secF
823	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Sulfide	IS 3025 Part 29
824	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Sulphates	APHA 23rd Edn., Ch. 4500-SO4-E
825	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Sulphates	IS 3025 Part 24
826	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Alkalinity	APHA 23rd Edn., Ch. 2320B
827	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Alkalinity	IS 3025 Part 23
828	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Dissolved solids	APHA 23rd Edn., Ch. 2540 C
829	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Dissolved solids	IS 3025 Part 16
830	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total hardness	APHA 23rd Edn., Ch. 2340C
831	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total hardness	IS 3025 Part 21
832	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Kjeldahl Nitrogen	APHA 23rd Edn., Ch. 4500-N-org.
833	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total Kjeldahl Nitrogen	IS 3025 Part 34, Sec.3

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	47 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
834	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total phosphorous	IS 3025 Part 2
835	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total phosphorous	IS 3025 Part 31 (UV-VIS)
836	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total solids	APHA 23rd Edn., Ch. 2540B
837	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total solids	IS 3025 Part 15
838	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total suspended solids	APHA 23rd Edn., Ch. 2540D
839	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Total suspended solids	IS 3025 Part 17
840	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Turbidity	APHA 23rd Edn., Ch. 2130B
841	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Turbidity	IS 3025 Part 10
842	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Vanadium	IS 3025 Part 2 (by ICP-OES)
843	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Volatile solids	APHA 23rd Edn., Ch. 2540E
844	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage and effluents water (Raw & Process)	Volatile Solids	IS 3025 Part 18
845	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2 2 3 5-Tetrachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
846	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2 2 5 5-Tetrachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
847	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,4,5,5,6,6-Decachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
848	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,4,5,5,6-Nonachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
849	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,4,5,6-Octachlorobiphenyl	SOP WW-04&WW-09, Rev 01,USEPA 508, Annex M of IS 13428 & APHA 6431C
850	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Alpha HCH	SOP WW-02, Rev 01 , USEPA 508

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	48 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
851	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Beta Endosulfan	SOP WW-02, Rev 01, USEPA 508
852	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Beta HCH	SOP WW-02, Rev 01, USEPA 508
853	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	o.p-DDD	SOP WW-02, Rev 01, USEPA 508
854	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2 2 5-Trichlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
855	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2 3 4 4 -Tetrachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
856	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2 4 4-Trichlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
857	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,4,5-Heptachlorobiphenyl	SOP WW-04&WW-09, Rev 01,USEPA 508, Annex M of IS 13428 & APHA 6431C
858	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,4-Hexachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
859	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,3,4,5,6,6-Octachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
860	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,4,4,5,5,-Heptachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
861	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,4,4,5-Hexachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
862	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,3,4,5,5,6-Heptachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
863	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,4,4,5,5,-Hexachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
864	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,2,4,5,5,-Pentachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 49 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
865	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,3,3,4,4-Pentachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
866	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,3,4,4,5-Pentachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
867	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,4-D	SOP WW-05, Rev 01, USEPA 515.1
868	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	2,4-dichlorobiphenyl	SOP WW-04&WW-09, Rev 01,UEPA 508, Annex M of IS 13428 & APHA 6431C
869	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	3 3 4 4-Tetrachlorobiphenyl	SOP WW-04&WW-09, Rev 01,USEPA 508, Annex M of IS 13428 & APHA 6431C
870	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	3,3,4,4,5-Pentachlorobiphenyl	SOP WW-04&WW-09, Rev 01, USEPA 508, Annex M of IS 13428 & APHA 6431C
871	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Acenaphthene	SOP WW-04&WW-07, Rev 01, APHA 6440B
872	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Acenaphthylene	SOP WW-04&WW-07, Rev 01, APHA 6440B
873	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Alachlor	SOP WW-02, Rev 01, USEPA 508
874	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Aldrin	SOP WW-02, Rev 01, USEPA 508
875	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Alpha Endosulfan	SOP WW-02, Rev 01, USEPA 508
876	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Anthracene	SOP WW-04&WW-07, Rev 01, APHA 6440B
877	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Atrazine	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
878	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Benz(a) anthracene	SOP WW-04&WW-07, Rev 01, APHA 6440B
879	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Benzo(a)pyrene	SOP WW-04&WW-07, Rev 01, APHA 6440B
880	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Benzo(b) fluoranthene	SOP WW-04&WW-07, Rev 01, APHA 6440B
881	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Benzo(k) fluoranthene	SOP WW-04&WW-07, Rev 01, APHA 6440B

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	50 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
882	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Bromodichloromethane (Trihalomethane)	SOP WW-36, Rev 01, (APHA 23rd edition, Ch. 6232)
883	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Bromoform (Trihalomethane)	SOP WW-36, Rev 01, (APHA 23rd edition, Ch. 6232)
884	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Butachlor	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
885	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Chloroform (Trichloromethane)	SOP WW-36, Rev 01 , (APHA 23rd edition, Ch. 6232)
886	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Chlorpyriphos	SOP WW-03&WW-08, Rev 01,USEPA 525.2&8141A
887	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Chrysene	SOP WW-04&WW-07, Rev 01, APHA 6440B
888	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Delta HCH	SOP WW-02, Rev 01 , USEPA 508
889	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Dibromochloromethane (Trichloromethane)	SOP WW-36, Rev 01, (APHA 23rd edition, Ch. 6232)
890	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Dieldrin	SOP WW-02, Rev 01, USEPA 508
891	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Endosulfan Sulfate	SOP WW-02, Rev 01, USEPA 508
892	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Ethion	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
893	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Fluoranthene	SOP WW-04&WW-07, Rev 01, APHA 6440B
894	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Fluorene	SOP WW-04&WW-07, Rev 01, APHA 6440B
895	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Gamma HCH	SOP WW-02, Rev 01, USEPA 508
896	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Isoproturon	SOP WW-06, Rev 01, USEPA 532
897	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Malathion	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
898	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Malaxon	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
899	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Methyl parathion	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
900	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Methyl Paraxaon	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	51 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
901	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Monocrotophos	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
902	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Naphthalene	SOP WW-04&WW-07, Rev 01, APHA 6440B
903	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Naphthalene 1-methyl	SOP WW-04&WW-07, Rev 01, APHA 6440B
904	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Naphthalene 2-methyl	SOP WW-04&WW-07, Rev 01, APHA 6440B
905	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	o,p-DDT	SOP WW-02, Rev 01, USEPA 508
906	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	o.p-DDE	SOP WW-02, Rev 01, USEPA 508
907	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	p,p-DDD	SOP WW-02, Rev 01, USEPA 508
908	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	p,p-DDE	SOP WW-02, Rev 01, USEPA 508
909	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	p,p-DDT	SOP WW-02, Rev 01, USEPA 508
910	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Phenanthrene	SOP WW-04&WW-07, Rev 01, APHA 6440B
911	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Phorate	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
912	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Phorate sulfone	SOP WW-03&WW-08, Rev 01 , USEPA 525.2&8141A
913	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Phorate sulfoxide	SOP WW-03&WW-08, Rev 01, USEPA 525.2&8141A
914	CHEMICAL- RESIDUES IN WATER	Drinking water (raw & processed)	Pyrene	SOP WW-04&WW-07, Rev 01, APHA 6440B
915	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Aluminium	APHA 23rd Edn. Ch. 3120B EPA 200.7
916	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Aluminium	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
917	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Aluminium	IS 3025 Part 55 (UV-Vis Spec)
918	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Arsenic	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
919	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Arsenic as As	IS 3025 Part 37

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	52 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
920	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Barium	APHA 23rd Edn. Ch. 3120B EPA 200.7;
921	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Barium	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
922	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Boron	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
923	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Bromates	In-house validated method SOP WW-36, Rev 01, ISO 15061 : 2001 & USEPA- 300.0,300.1 (1997) by IC
924	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Cadmium	APHA 23rd Edn. Ch. 3120B EPA 200.7;
925	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Cadmium	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
926	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Cadmium	IS 3025 Part 41 By AAS with Chelation and extraction
927	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Chromium	APHA 23rd Edn. Ch. 3120B EPA 200.7;
928	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Chromium	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
929	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Cobalt	APHA 23rd Edn. Ch. 3120B, EPA 200.7;
930	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Cobalt	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
931	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Copper	APHA 23rd Edn. Ch. 3120B, EPA 200.7;
932	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Copper	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
933	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Hexavalent Chromium (Cr6+)	EPA 7196A By UV-VIS Spectrometer
934	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Iron	APHA 23rd Edn. Ch. 3120B EPA 200.7
935	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Iron	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
936	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Lead	APHA 23rd Edn. Ch. 3120B EPA 200.7
937	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Lead AS Pb	IS 3025 Part 47 By AAS Chelation and Extraction

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	53 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
938	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Manganese	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
939	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Manganese	APHA 23rd Edn., Ch. 3120B, EPA 200.7
940	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Mercury	EPA 200.8, ICP-MS
941	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Mercury as Hg	IS 3025 Part 48 By Hydride generation technique
942	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Molybdenum	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
943	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Nickel	APHA 23rd Edn., Ch. 3111B, By AAS direct flame
944	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Nickel	IS 13428 Annex L By AAS-MIBK extraction
945	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Nickel	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
946	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Nickel	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
947	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Phenolic compounds	APHA 23rd Edn., Ch. 5530 C
948	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Phenolic compounds	IS 3025 Part 43
949	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Potassium	APHA 23rd Edn., Ch. 3500K-B, by Flame photometer
950	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Potassium	IS 3025 Part 2: By ICP-OES,APHA 23rd Edition by Flame photometer
951	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Selenium	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
952	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Selenium	IS 3025 Part 56 By Hydride generation technique
953	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Silica	APHA 23rd Edn., Ch. 4500 D
954	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Silver	APHA 23rd Edn., Ch. 3120B; EPA 200.7
955	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Silver	IS 13428:Annex J By AAS MIBK Extraction

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	54 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
956	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Silver	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
957	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Sodium	APHA 23rd Edn., Ch. 3120B EPA 200.7
958	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Sodium	IS 3025 Part 2: By ICP-OES
959	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Zinc	APHA 23rd Edn., Ch. 3120B, EPA 200.7;
960	CHEMICAL- RESIDUES IN WATER	Drinking Water (Raw and processed)	Zinc	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
961	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Uranium	IS 3025 Part 65
962	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Antimony	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS,IS 13428 Annex-G
963	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Lead	IS 3025 Part 2 By ICP-OES & Part 65 By ICP-MS
964	CHEMICAL- RESIDUES IN WATER	Swimming pool water	Lead as Pb	IS 3025 Part 2 (APHA 3111)
965	CHEMICAL- SOLID FUELS	Coal	Net Calorific value	IS 1350 Part 2
966	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D7582 (Macro Thermogravimetric analysis)
967	CHEMICAL- SOLID FUELS	Coal	Ash content	IS 1350 Part 1/ (ASTM D3174-12)
968	CHEMICAL- SOLID FUELS	Coal	Ash fusion temperature -HT	ASTM D 1857-18
969	CHEMICAL- SOLID FUELS	Coal	Ash fusion temperature-FT	ASTM D 1857
970	CHEMICAL- SOLID FUELS	Coal	Ash Fusion temperature-IT	ASTM D 1857-18
971	CHEMICAL- SOLID FUELS	Coal	Ash fusion temperature-ST	ASTM D 1857-18
972	CHEMICAL- SOLID FUELS	Coal	Carbon	ASTM D 5373
973	CHEMICAL- SOLID FUELS	Coal	Fixed carbon	ASTM D 7582(Macro TGA)
974	CHEMICAL- SOLID FUELS	Coal	Fixed carbon	IS 1350 Part 1:1984 /ASTM D3172
975	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Sulphate Sulphur	ISO 157
976	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Sulphate Sulphur	IS 15438

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	55 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
977	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Organic Sulphur	IS 15438
978	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Organic Sulphur	ISO 157
979	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Pyretic Sulphur	ASTM D-2492 (2012)
980	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Pyretic Sulphur	IS 15438
981	CHEMICAL- SOLID FUELS	Coal	Forms of Sulphur-Pyretic Sulphur	ISO 157
982	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value	ASTM D 5865 - 13
983	CHEMICAL- SOLID FUELS	Coal	Gross calorific value	IS 1350 Part 2
984	CHEMICAL- SOLID FUELS	Coal	Hydrogen	ASTM D 5373
985	CHEMICAL- SOLID FUELS	Coal	Inherent Moisture	IS 1350 Part 1 :1984/ASTMD3173
986	CHEMICAL- SOLID FUELS	Coal	Mineral matter	IS 1350 Part-1
987	CHEMICAL- SOLID FUELS	Coal	Moisture	ASTM D7582 (Macro thermogravimetric analysis)
988	CHEMICAL- SOLID FUELS	Coal	Moisture(equilibrated) 40°C&60Rh	IS 1350 part-1
989	CHEMICAL- SOLID FUELS	Coal	Net calorific value	ASTM D 5865-13
990	CHEMICAL- SOLID FUELS	Coal	Nitrogen	ASTM D 5373
991	CHEMICAL- SOLID FUELS	Coal	Nitrogen content	IS 1350 Part 4/Sec 2
992	CHEMICAL- SOLID FUELS	Coal	Sulphur	ASTM D 5373
993	CHEMICAL- SOLID FUELS	Coal	Total Moisture (as received)	IS 1350 Part 1 :1984/ASTM D3302
994	CHEMICAL- SOLID FUELS	Coal	Total Sulphur	IS 1350 Part 3 :1969/ASTM E775
995	CHEMICAL- SOLID FUELS	Coal	Volatile matter	ASTM D7582 (Macro Thermogravimetric analysis)
996	CHEMICAL- SOLID FUELS	Coal	Volatile matter	IS 1350 Part 1 :1984/ ASTM D3175
997	CHEMICAL- SOLID FUELS	Coal, Coke, Briquettes and other solid fuels	Ultimate analysis-Oxygen	ASTM D 3176
998	CHEMICAL- WATER	Construction Water	Acidity	IS 3025 Part 22
999	CHEMICAL- WATER	Construction Water	Alkalinity	IS 3025 Part 23

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	56 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1000	CHEMICAL- WATER	Construction Water	Chloride	IS 3025 Part 32
1001	CHEMICAL- WATER	Construction Water	Inorganic matter (Fixed Residue)	IS 3025 part 18
1002	CHEMICAL- WATER	Construction Water	Organic Matter (volatile residue)	IS 3025 part 18
1003	CHEMICAL- WATER	Construction Water	pH	IS 3025 Part 11
1004	CHEMICAL- WATER	Construction Water	Sulphate	IS 3025 Part 24
1005	CHEMICAL- WATER	Construction water	Suspended matter /total suspended solids	IS 3025 Part 17
1006	CHEMICAL- WATER	Drinking water (raw & processed)	Mineral Oil	IS 3025 Part 39
1007	CHEMICAL- WATER	Drinking water (raw & processed)	Nitrate	APHA 23rd Edn., Ch. 4500-NO3 B
1008	CHEMICAL- WATER	Drinking water (raw & processed)	Phosphate	IS 3025 Part 2 By ICP-OES
1009	CHEMICAL- WATER	Drinking water (raw & processed)	Phosphate	IS 3025 Part 31 by UV-VIS spectrometer
1010	CHEMICAL- WATER	Drinking water (raw & processed)	Total dissolved solids	APHA 23rd Edn., Ch. 2540 C
1011	CHEMICAL- WATER	Drinking water (raw & processed)	Turbidity	IS 3025 Part 10
1012	CHEMICAL- WATER	Drinking Water (Raw and processed)	Alkalinity	APHA 23rd Edn., Ch. 2320 B
1013	CHEMICAL- WATER	Drinking Water (Raw and processed)	Alkalinity	IS 3025 Part 23
1014	CHEMICAL- WATER	Drinking Water (Raw and processed)	Ammoniacal nitrogen	IS 3025 Pt 34
1015	CHEMICAL- WATER	Drinking Water (Raw and processed)	Anionic surface active agents (as MBAS)	APHA 23rd Edn., Ch. 5540 C
1016	CHEMICAL- WATER	Drinking Water (Raw and processed)	Anionic surface active agents (as MBAS)	IS 3025(Part 68)
1017	CHEMICAL- WATER	Drinking Water (Raw and processed)	Calcium	IS 3025 Part 40 (Volumetric method)
1018	CHEMICAL- WATER	Drinking Water (Raw and processed)	Chloramines	IS 3025 Part 26
1019	CHEMICAL- WATER	Drinking Water (Raw and processed)	Chloride	APHA 23rd Edn., Ch. 4500 Cl- B (Argentometric method)
1020	CHEMICAL- WATER	Drinking Water (Raw and processed)	Chloride	IS 3025 Part 32
1021	CHEMICAL- WATER	Drinking Water (Raw and processed)	Colour retention of KMnO4 @27±2°C	IS 1070
1022	CHEMICAL- WATER	Drinking Water (Raw and processed)	Colour, colour units (Pt-Co)	APHA 23rd Edn. Ch. 2120 B
1023	CHEMICAL- WATER	Drinking Water (Raw and processed)	Colour, colour units (Pt-Co)	IS 3025 Part 4

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 57 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1024	CHEMICAL- WATER	Drinking Water (Raw and processed)	Conductivity	APHA 23rd Edn. Ch. 2510 B
1025	CHEMICAL- WATER	Drinking Water (Raw and processed)	Conductivity	IS 3025 Part 14
1026	CHEMICAL- WATER	Drinking Water (Raw and processed)	Cyanide	APHA 23rd Edn. Ch. 4500-CN-E
1027	CHEMICAL- WATER	Drinking Water (Raw and processed)	Cyanide	IS 3025 Part 27
1028	CHEMICAL- WATER	Drinking Water (Raw and processed)	Fluoride	APHA 23rd Edn., Ch. 4500-F C
1029	CHEMICAL- WATER	Drinking Water (Raw and processed)	Fluoride	IS 3025 Part 60
1030	CHEMICAL- WATER	Drinking Water (Raw and processed)	Magnesium	IS 3025(Part-46) (Volumetric method)
1031	CHEMICAL- WATER	Drinking Water (Raw and processed)	Nitrate	IS 3025 Part 34
1032	CHEMICAL- WATER	Drinking Water (Raw and processed)	Nitrite	APHA 23rd Edn. Ch. 4500-NO2 B
1033	CHEMICAL- WATER	Drinking Water (Raw and processed)	Nitrite	IS 3025 Part 34
1034	CHEMICAL- WATER	Drinking Water (Raw and processed)	Odor	APHA 23rd Edn., Ch.2150
1035	CHEMICAL- WATER	Drinking Water (Raw and processed)	Odor	IS 3025 Part 5
1036	CHEMICAL- WATER	Drinking Water (Raw and processed)	pH value	APHA 23rd Edn. Ch. 4500 H+ B
1037	CHEMICAL- WATER	Drinking Water (Raw and processed)	pH value	IS 3025 Part 11
1038	CHEMICAL- WATER	Drinking Water (Raw and processed)	Residual free chlorine	APHA 23rd ed. Ch. 4500 Cl G
1039	CHEMICAL- WATER	Drinking Water (Raw and processed)	Residual free chlorine	IS 3025 Part 26
1040	CHEMICAL- WATER	Drinking Water (Raw and processed)	Sulfate	APHA 23rd Edn. Ch. 4500-SO4 E
1041	CHEMICAL- WATER	Drinking Water (Raw and processed)	Sulfate	IS 3025 Part 24
1042	CHEMICAL- WATER	Drinking Water (Raw and processed)	Sulfide	IS 3025 Part 29
1043	CHEMICAL- WATER	Drinking Water (Raw and processed)	Taste	APHA 23rd Edn. Ch. 2160 C
1044	CHEMICAL- WATER	Drinking Water (Raw and processed)	Taste	IS 3025 Part 8
1045	CHEMICAL- WATER	Drinking Water (Raw and processed)	Total hardness	APHA 23rd Edn. Ch. 2340 C
1046	CHEMICAL- WATER	Drinking Water (Raw and processed)	Total hardness	IS 3025 Part 21
1047	CHEMICAL- WATER	Drinking Water (Raw and processed)	Total dissolved solids	IS 3025 Part 16
1048	CHEMICAL- WATER	Drinking Water (Raw and processed)	Turbidity	APHA 23rd Edn., Ch. 2130 B
1049	CHEMICAL- WATER	Irrigation Water	Boron	IS 3025 Part 2
1050	CHEMICAL- WATER	Irrigation Water	Boron	IS 3025 Part 57
1051	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate	IS 11624 (APHA 2340C, 2320B)
1052	CHEMICAL- WATER	Irrigation Water	Sodium absorption ratio	IS 11624 (APHA 3500)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	58 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1053	CHEMICAL- WATER	Swimming pool water	Aluminium	IS 3025 Part 55
1054	CHEMICAL- WATER	Swimming pool water	Aluminium	IS 3025 Part2
1055	CHEMICAL- WATER	Swimming pool water	Chlorides	IS 3025 Part 32
1056	CHEMICAL- WATER	Swimming pool water	Clearness	IS 3328
1057	CHEMICAL- WATER	Swimming pool water	Colour	IS 3025 Part 4
1058	CHEMICAL- WATER	Swimming pool water	Iron	IS 3025 Part 2 (APHA 3111)
1059	CHEMICAL- WATER	Swimming pool water	Odour	IS 3025 Part5
1060	CHEMICAL- WATER	Swimming pool water	Oxygen absorbed in 4 hrs	IS 3025 Part 63
1061	CHEMICAL- WATER	Swimming pool water	pH	IS 3025 Part 11
1062	CHEMICAL- WATER	Swimming pool water	Taste	IS 3025 Part 8
1063	CHEMICAL- WATER	Swimming pool water	Total alkalinity	IS 3025 Part 23
1064	CHEMICAL- WATER	Swimming pool water	Total Dissolved Solids	IS 3025 Part 16
1065	CHEMICAL- WATER	Swimming pool water	Total Residual Chlorine	IS 3025 Part 26
1066	CHEMICAL- WATER	Swimming pool water	Turbidity	IS 3025 Part 10
1067	ELECTRICAL- ENVIRONMENTAL TEST FACILITY	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Dry Heat test / High Temperature test	IS 9000 P3(Sec I to V): 1977, IS 10236(P2): 1982, IEC 60068-2-2: 2007, QM333: 2010, ISO 16750-4:2010, RTCA/DO-160G: 2007(Sec4.5), JSS 55555:2012(Test No:17), JSS 0256-01:2008(Test No.01), MIL-STD-810F:2000(Method 501.4), MIL-STD-810G:2014(Method 501.6), MIL-STD-810H:2019(Method 501.7), BS EN 50155:2021, ETSI EN 300019-2-1:2017, MIL-STD-202G Method 108A, IEC 60571

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	59 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1068	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Change of Temperature /Rapid Temperature Cycling Test	IS 9000 P14(Sec2): 1988, IS 10236(P2): 1982, IEC 60068-2-14: 2009, QM333: 2010, ISO 16750-4: 2010, RTCA/DO-160G: 2007(Sec4.5), JSS 55555:2012(Test No:22), MIL-STD-810F: 2000(Method 503.4), MIL-STD-810G: 2014(Method 503.5), MIL-STD-810H: 2019(Method 503.7), MIL-STD-202G Method 108A, ETSI EN 300019-2-1
1069	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Cold test / Low temperature test	IS 9000 P2(Sec I to IV): 1977, IS 10236(P3): 1982, IEC 60068-2-1: 2007, QM333: 2010, ISO 16750-4:2010, RTCA/DO-160G: 2007(Sec4.5), JSS 55555:2012(Test No:20), JSS 0256-01: 2008(Test No:02), MIL-STD-810F:2000(Method 502.4), MIL-STD-810G:2014(Method 502.5), MIL-STD-810H:2019(Method 502.7), BS EN 50155:2021, ETSI EN 300019-2-1:2017, IEC 60571
1070	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Composite Temperature / Humidity Cycle Test.	IEC 60068-2-38
1071	ELECTRICAL-ENVIRONMENTAL TEST FACILITY	Electronics/ Electrical/ Optical/ Telecom/ Automotive/ Defence/ Military/ Aerospace/ Locomotive Including Sub-Assembles Accessories and Components.	Humidity/Damp Heat (Steady state)	IS 9000(P4): 2020, IS 10236(P2): 1982, IEC 60068-2-78: 2012, QM333: 2010, ISO 16750-4: 2010, RTCA/DO-160G: 2007(Sec5.0), JSS 55555:2012(Test No:10), MIL-STD-810F: 2000(Method 507.4), MIL-STD-810G: 2014(Method 507.5), MIL-STD-810H: 2019(Method 507.6), MIL-STD-202G Method 103B, ETSI EN 300019-2-1
1072	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Blocks Density	IS 6441 (Part 1)
1073	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Compressive strength	IS 6441 Part 5

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 60 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1074	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimensions (Height)	IS 2185 Part 3
1075	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimensions (Length)	IS 2185 Part 3
1076	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Dimensions (Width)	IS 2185 Part 3
1077	MECHANICAL- BUILDINGS MATERIALS	AAC Blocks	Drying Shrinkage	IS 6441 Part 2
1078	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks)	Dimensions (Height)	IS 1077
1079	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks)	Compressive Strength	IS 1077
1080	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks)	Dimensions (Length)	IS 1077
1081	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks)	Dimensions (Width)	IS 1077
1082	MECHANICAL- BUILDINGS MATERIALS	Bricks (Burnt Clay Bricks)	Water absorption	IS 3495 Part 2
1083	MECHANICAL- BUILDINGS MATERIALS	Bricks Burnt Clay Bricks	Efflorescence	IS 3495 Part 3
1084	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive strength	IS 4031 Part 6
1085	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 Part 4
1086	MECHANICAL- BUILDINGS MATERIALS	Cement	Density	IS 4031 (Part-11)
1087	MECHANICAL- BUILDINGS MATERIALS	Cement	Drying Shrinkage	IS 4031 Part 10
1088	MECHANICAL- BUILDINGS MATERIALS	Cement	Fineness by Blaines Air Permeability	IS 4031 Part 2
1089	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Final)	IS 4031 Part 5
1090	MECHANICAL- BUILDINGS MATERIALS	Cement	Setting Time (Initial)	IS 4031 Part 5
1091	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness- Le-chatelier Expansion	IS 4031 Part 3
1092	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness-Autoclave Expansion	IS 4031 Part 3

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 61 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1093	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (width)	IS:13630 Part-1& ISO 10545 Part-2
1094	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Breaking strength	IS:13630 Part-6&ISO 10545 Part-4
1095	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Chemical properties	IS 13630 part-8 & ISO 10545 part-13
1096	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (Length)	IS:13630 Part-1& ISO 10545 Part-2
1097	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (rectangularity)	IS:13630 Part-1& ISO 10545 Part-2
1098	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (straightness of sides)	IS:13630 Part-1& ISO 10545 Part-2
1099	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (surface flatness)	IS:13630 Part-1& ISO 10545 Part-2
1100	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions (surface quality)	IS:13630 Part-1& ISO 10545 Part-2
1101	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Dimensions(thickness)	IS:13630 Part-1& ISO 10545 Part-2
1102	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Impact resistance	IS:13630 part-14 &ISO 10545 Part-5
1103	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Modulus of rupture	IS:13630 Part-6 & ISO 10545 Part-4
1104	MECHANICAL- BUILDINGS MATERIALS	Ceramic tiles	Water absorption	IS:13630 part-6&ISO 10545 Part-4
1105	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (Part 4)
1106	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Aggregate abrasion value	IS 2386 part-4
1107	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Bulk density	IS 2386 Part 3
1108	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Crushing value	IS 2386 Part-4
1109	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Deleterious material-Finer than 75micron IS Sieve	IS 2386 Part-1
1110	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Elongation index	IS 2386 Part 1
1111	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness index	IS 2386 (Part 1)

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	62 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1112	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Moisture content	IS 2386 Part 3
1113	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis	IS 2386 (Part 1)
1114	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Specific gravity	IS 2386 Part 3
1115	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates	Water absorption	IS 2386 Part 3
1116	MECHANICAL- BUILDINGS MATERIALS	Coarse aggregates as per IS 383:2016	Deleterious material-Clay lumps	IS 2386 Part-2
1117	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive strength	IS 516 Part-1/Sec-1
1118	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Bulk density	IS 2386 Part 3
1119	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Deleterious material clay lumps	IS 2386 Part-7
1120	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Deleterious Matter- Finer than 75 Micron IS Sieve	IS 2386 Part 1
1121	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Moisture content	IS 2386 Part 3
1122	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Sieve Analysis	IS 2386 Part 1
1123	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Specific gravity	IS 2386 Part 3
1124	MECHANICAL- BUILDINGS MATERIALS	Fine aggregates	Water absorption	IS 2386 Part 3
1125	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness by Blaines Air permeability Method	IS 1727
1126	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength (Comparative)	IS 1727
1127	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Lime reactivity	IS 1727
1128	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles retained on 45 micron IS sieve (Wet Sieving)	IS 1727
1129	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by autoclave test	IS 1727
1130	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimensions (Height)	IS 13757

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	63 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1131	MECHANICAL- BUILDINGS MATERIALS	Fly ash bricks	Compressive strength	IS 3495 Part-1
1132	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimensions (Length)	IS 13757
1133	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Dimensions (Width)	IS 13757
1134	MECHANICAL- BUILDINGS MATERIALS	Fly ash Bricks	Efflorescence	IS 3495 Part 3
1135	MECHANICAL- BUILDINGS MATERIALS	Fly Ash Bricks	Water absorption	IS 3495 Part 2
1136	MECHANICAL- BUILDINGS MATERIALS	Granite / Marble	Modulus of rupture/Transverse Strength	ASTM C99,IS 1121(Part-2)
1137	MECHANICAL- BUILDINGS MATERIALS	Granite/Marble	Compressive strength	IS 1121 Part 1: 2013,ASTM C170
1138	MECHANICAL- BUILDINGS MATERIALS	Granite/Marble	Density / Specific gravity	ASTM C97
1139	MECHANICAL- BUILDINGS MATERIALS	Granite/Marble	Density/Specific gravity	IS 1122
1140	MECHANICAL- BUILDINGS MATERIALS	Granite/Marble	Flexural Strength	ASTM C880
1141	MECHANICAL- BUILDINGS MATERIALS	Granite/Marble	Water absorption	IS 1124: 1974,ASTM C97
1142	MECHANICAL- BUILDINGS MATERIALS	Pre cast concrete man hole covers	Coating test	IS 1726
1143	MECHANICAL- BUILDINGS MATERIALS	Pre cast concrete manhole covers	Compression load test	IS 1726 & IS: 12592
1144	MECHANICAL- BUILDINGS MATERIALS	Pre cast concrete manhole covers	Dimensions (rectangular,circular,Square)	IS 1726 & IS 12592
1145	MECHANICAL- BUILDINGS MATERIALS	Pre cast concrete manhole covers	Freedom from defects	IS: 1726 & IS 12592
1146	MECHANICAL- BUILDINGS MATERIALS	Refractory Bricks	Cold crushing strength	IS 1528 Part 4
1147	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Blocks	Blocks density	IS 2185 Part 1 Annex C (& Part 2 Appendix B-1983)
1148	MECHANICAL- BUILDINGS MATERIALS	Solid concrete Blocks	Compressive strength	IS 2185 Part-1 Appendix D & Part 2 Appendix C)
1149	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Blocks	Dimensions (Height)	IS 2185 Part 1 Appendix B& Part 2 Appendix A-1983

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	64 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1150	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Blocks	Dimensions (Length)	IS 2185 Part 1 Appendix B& Part 2 Appendix A-1983)
1151	MECHANICAL- BUILDINGS MATERIALS	Solid Concrete Blocks	Dimensions (Width)	IS 2185 Part 1 Appendix B& Part 2 Appendix A-1983
1152	MECHANICAL- BUILDINGS MATERIALS	Solid concrete Blocks	Water absorption	IS 2185 Part 1 Appendix E & Part 2 Appendix D
1153	MECHANICAL- BUILDINGS MATERIALS	White Portland Cement	Degree of Whiteness	IS 8042, Annex B
1154	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Anodic coated aluminium and aluminium alloy products	Abrasion Resistance	MIL-A-8625F, ASTM D4060
1155	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel Bolts, Screws & Studs.	Proof load	IS 1367 (P 3)
1156	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon steel and alloy steel Nuts	Proof load	IS 1367(P 6)
1157	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated Aluminium & Al Alloy components	Coating mass per Unit Area	ASTM B137
1158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Copper materials & Alloy products	Mercurous nitrate test	IS 2305:1988, ASTM B154
1159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy product	Low temperature Tensile Test - Yield strength (-40°C to 10°C)	IS 1608(P3) : 2018, ISO 6892-3
1160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Charpy Impact test (V-notch) @RT	ISO 148-1: 2016, ASTM A370: 2021, IS: 1757-1
1161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Elevated temperature Tensile Test - Elongation (40°C to 900°C)	ASTM E21: 2020, IS 1608(P2) : 2020, ISO 6892-2
1162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Rockwell hardness-HRB	ASTM E18:2020, IS 1586(P1): 2018, ISO 6508-1
1163	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Vickers Hardness (HV30)	IS 1501(P1): 2020, ISO 6508-1: 2016, ASTM E92
1164	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Charpy Impact test (U-notch)@RT	IS:1499

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	65 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Charpy Impact test (V-notch) upto -40Deg C	ISO 148-1: 2016, ASTM A370: 2021, IS: 1757-1
1166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Elevated temperature Tensile Test - Reduction in area (40°C to 900°C)	ASTM E21: 2020, IS 1608(P2) : 2020, ISO 6892-2
1167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Elevated temperature Tensile Test - Tensile strength (40°C to 900°C)	ASTM E21: 2020, IS 1608(P2) : 2020, ISO 6892-2
1168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Elevated temperature Tensile Test - Yield Strength (40°C to 900°C)	ASTM E21: 2020, IS 1608(P2) : 2020, ISO 6892-2
1169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Izod Impact test	IS 1598
1170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Low temperature Tensile Test - Elongation (-40°C to 10°C)	IS 1608(P3) : 2018, ISO 6892-3
1171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Low temperature Tensile Test - Reduction in area (-40°C to 10°C)	IS 1608(P3) : 2018, ISO 6892-3
1172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Low temperature Tensile Test - Tensile strength (-40°C to 10°C)	IS 1608(P3) : 2018, ISO 6892-3
1173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Modulus of elasticity	IS 1608(P1): 2018, ASTM E8/E8M: 2021, ASTM A370: 2021, ASTM B557/B557M: 2015, ISO 6892-1
1174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Reduction in area	IS 1608(P1): 2018, ASTM E8/E8M: 2021, ASTM A370: 2021, ISO 6892-1
1175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Rockwell hardness-HRC	ASTM E18:2020, IS 1586(P1): 2018, ISO 6508-1
1176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Transverse & Longitudinal weld tensile strength	IS 814 (IS 7310 Part 1, IS 2825, ASME Sec IX, IBR 2016)
1177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Vickers Hardness (HV5)	IS 1501(P1): 2020, ISO 6508-1: 2016, ASTM E92

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	66 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy Weld products	Transverse Tensile test of Welded metallic materials	IS 3600(P3)
1179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Bend Test (Mandrel Dia:2,3,4,5,6,8,10,12,16,18,20,24,28,32,36,40 ,48, 50,60,64,80,100,125, 150,160,192, 200, 225, 250)	ASTM A370: 2021, IS 1599
1180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Brinell hardness - HBW (2.5/187.5)	ASTM E10: 2018, IS 1500(P1): 2019, ISO 6506-1
1181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Charpy Impact test - Charpy(V & U-notch)	ASTM E23
1182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Charpy Impact test - Charpy(V & U-notch) upto -40°C	ASTM E23
1183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Face Bend test & Root Bend test (Mandrel Dia:4,8,12,16,20,24,28,32,36,40,44,48)	IS 814 (IS 7310 Part 1, IS 2825, ASME Sec IX, IBR 2016)
1184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Physical dimensions.	SOP MT23
1185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & alloy products	Yieldstrength/0.2% Proof Stress	IS 1608(P1): 2018, ASTM E8/E8M: 2021, ASTM A370: 2021, ASTMF606/606M: 2021, ISO 6892-1
1186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & alloy products	Elongation	IS 1608(P1): 2018 ASTM E8/E8M: 2021 ASTM A370:2021 ASTMF606/606M: 2021 ISO 6892-1: 2019
1187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material & alloy products	Tensile strength	IS 1608(P1): 2018 ASTM E8/E8M: 2021 ASTM A370:2021 ASTMF606/606M: 2021 ISO 6892-1
1188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material and Non ferrous material & alloy products	Flattening test	ASTM A999/999M:2018, ASTM A1016/1016M:2016, ASTM B111/111M:2018, ASTM B968
1189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials and alloys products	Mass of Zinc coating	IS 6745

SCOPE OF ACCREDITATION

Laboratory Name : LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5918 **Page No** 67 of 71

Validity 24/04/2022 to 23/04/2024 **Last Amended on** 24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials and alloys products	Uniformity of Zinc coating	IS 2633
1191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials	Sulfur print test	IS 12037
1192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High strength deformed steel bars and wires for concrete reinforcement	Mass per running metre	IS 1786
1193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic material - Sheet	Erichsen Cupping Test	IS 10175
1194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials - Tube	Flattening Test	IS 2328
1195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials - Tube (In Full Section)	Bend test ((Mandrel Dia:2,3,4,5,6,8,10,12,16,18,20,24,28,32,36,40 ,48, 50,60,64,80,100,125, 150,160,192, 200, 225, 250))	IS 2329
1196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Pins, grooved pins & Rods	Shear strength	IS 12982: 1991, IS 5242
1197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material & alloy products	Elongation	ASTM B557/B557M
1198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous material & alloy products	Tensile strength	ASTM B557/B557M
1199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous material & alloy products	Yieldstrength/0.2% Proof Stress	ASTM B557/B557M
1200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel bars and wires for concrete reinforcement	Rebend test	IS 1786
1201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Impact test - Metallic	Charpy impact test-V notch	ISO 9016: 2012, IBR
1202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded joints and weld metal in steel	Fracture test	ASME Sec IX

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	68 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded joints and weld metal in steel	Nick break test	IS 3600 (P 8)
1204	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steel	Inter Granular Attack (Corrosion) IGC Test A	ASTM A262
1205	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steel.	Inter Granular Attack (Corrosion) IGC Test B	ASTM A262
1206	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steel.	Inter Granular Attack (Corrosion) IGC test C	ASTM A262
1207	MECHANICAL-METALLOGRAPHY TEST	Austenitic stainless steel.	Inter Granular Attack (Corrosion) IGC Test E	ASTM A262: 2015, ISO 3651-2
1208	MECHANICAL-METALLOGRAPHY TEST	Cast iron	Graphite flake type & size by comparison method	ASTM A247: 2017, IS 7754
1209	MECHANICAL-METALLOGRAPHY TEST	Ferrous & non-ferrous materials	Coating thickness by microscopic method	IS 5523: 1983, ASTM B487: 2020, IS 3203
1210	MECHANICAL-METALLOGRAPHY TEST	Ferrous & non-ferrous materials	Grain size by comparison method	ASTM E 112: 2013, IS 4748
1211	MECHANICAL-METALLOGRAPHY TEST	Ferrous & non-ferrous materials	Macro examination	ASME Sec IX: 2009, IBR ISO 17639, AWS D1.1, API 1104
1212	MECHANICAL-METALLOGRAPHY TEST	Ferrous & non-ferrous materials	Micro structural analysis	ASM Vol.9
1213	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials	Macro structural analysis	ASTM E340: 2015, IS 13015: 1991, ASTM E381: 2020, ASTM A604: 2007, IS 11371
1214	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials	Non metallic inclusion rating	ASTM E45 method A: 2018, IS 4163
1215	MECHANICAL-METALLOGRAPHY TEST	Non-ferrous materials Aluminium Alloy Products	Macro structural analysis	IS: 12573
1216	MECHANICAL-METALLOGRAPHY TEST	steel	Decarburization depth by microscopic method	ASTM E1077: 2014, IS 6396:
1217	MECHANICAL-METALLOGRAPHY TEST	steel	Estimation of total case depth by microscopic method	IS 6416
1218	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Air pressure leakage test	IS 2798
1219	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Brimful capacity	IS 2798
1220	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Drop test	IS 2798

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	69 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1221	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Migration of colour	IS 9845
1222	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Overall migration (amount of extraction)	IS 9845
1223	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Transparency	IS 15410
1224	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Vibration leakage test	IS 2798
1225	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic containers and polymeric materials	Wall thickness	IS 2798
1226	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Compressive strength	ASTM D3410
1227	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Short beam strength (ILSS)	ASTM D2344
1228	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic materials & products	Tensile strength	ASTM D3039
1229	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Dart impact resistance	IS 13360 Part 5, Sec6
1230	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Drop test	IS 15609
1231	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Elongation at break- length wise & cross wise	IS 2508 (IS 13360 Part 5 sec1, sec3)
1232	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Overall migration	IS 9845
1233	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Stack load test	IS 15609
1234	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Tensile strength, length wise & cross wise	IS 2508 (&13360 Part 5, Sec2, Sec3)
1235	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Thickness	IS 15609
1236	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polyethylene pouches (IS 15609)	Width	IS 15609
1237	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer matrix composite materials	Apparent Hoop tensile strength	ASTM D2290
1238	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymer matrix composite materials	Flexural strength	ASTM D7264
1239	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric material	Water absorption	ASTM D570

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	70 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1240	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Elongation at break	ASTM D638
1241	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Identification (IR)	ASTM D 5477
1242	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Melt flow index	ASTM D1238
1243	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Melt flow index	IS 2530 (Method A)
1244	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Specific gravity	ASTM D792
1245	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Polymeric materials	Tensile strength	ASTM D638
1246	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber products	Density	IS 3400(P9): 2020, ISO 2781
1247	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber products	Hardness - Shore'M'	ASTM D2240: 2015, IS 3400(P23)Sec-1: 2018, ISO 7619-1
1248	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Accelerated ageing test	IS 3400(P4): 2012, ISO 188
1249	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Compression set @ Ambient & Elevated temperatures.	IS 3400(P10)Sec-1: 2020, ISO 815-1: 2014, ASTM D395
1250	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Elongation at break	IS 3400(P1): 2021, ISO 37: 2017, ASTM D412
1251	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Hardness - Shore'A'	ASTM D2240: 2015, IS 3400(P23)Sec-1: 2018, ISO 7619-1
1252	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Hardness - Shore'D'	ASTM D2240: 2015, IS 3400(P23)Sec-1: 2018, ISO 7619-1
1253	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and Rubber products	Identification (IR)	ASTM D 5477
1254	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Peel or Stripping Strength of Adhesive Bonds	ASTM D903
1255	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Tensile strength	IS 3400(P1): 2021, ISO 37: 2017, ASTM D412
1256	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber and rubber products	Volume change	IS 3400(P 6): 2018, ISO 1817: 2015, ASTM D471
1257	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS 2720 Part-40

SCOPE OF ACCREDITATION

Laboratory Name :	LUCID LABORATORIES PVT. LTD., PLOT NO.3, IDA, BALANAGAR, HYDERABAD, MEDCHAL MALKAJGIRI, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-5918	**Page No**	71 of 71
Validity	24/04/2022 to 23/04/2024	**Last Amended on**	24/09/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
1258	MECHANICAL- SOIL AND ROCK	Soil	Grain size analysis	IS 2720 Part-4
1259	MECHANICAL- SOIL AND ROCK	Soil	Liquid limit	IS 2720 part- 5
1260	MECHANICAL- SOIL AND ROCK	Soil	Maximum dry density	IS:2720 Part-7
1261	MECHANICAL- SOIL AND ROCK	Soil	Optimum moisture content	IS: 2720 Part-2
1262	MECHANICAL- SOIL AND ROCK	Soil	Plastic limit	IS:2720 part-5
1263	MECHANICAL- SOIL AND ROCK	Soil	Specific gravity	IS:2720 part-3

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.